



**International  
99/4  
Users-Group**



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## OWNER WRITTEN AND TRANSLATED SOFTWARE CATALOG

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DISK, CASSETTE AND HARD COPY  
PROGRAMS FOR THE TI 99/4 AND  
99/4A HOME COMPUTER



**INTERNATIONAL 99/4 USERS-GROUP** ■ P.O. BOX 67 ■ BETHANY, OKLAHOMA 73008 ■ (405) 948-1023

Please Use  
Owner-Written Form

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ALSO AVAILABLE FROM THE  
INTERNATIONAL USERS-GROUP

MASTER 99 SERIES

All programs in the Master 99 Series have been thoroughly tested and documented for reliability and ease of use in their specific applications. The programs are supplied on disk unless otherwise specified in an unprotected format to enable all users to customize their programs.

Each order placed for a Master 99 Series program is processed and completed inhouse--you have business application software in your hands anywhere from 10-14 days after placing your order with the IUG. Below is a brief description of each program in the Master 99 Series.

DATA BASE 300/500            M9/100-M9/101  
REQUIRES:                    \$14.95  
Extended Basic.....RS232 Interface  
32K Memory Expansion.....Printer

NOTE: Data Base 300 requires  
single-sided disk drive  
Data Base 500 requires  
dual-sided disk drive

A very flexible program set which allows the establishment of a data base of 300 or 500 records, each of which can hold eight screen lines of data divided into 16 distinct fields. The database files may be sorted on any of these 16 fields in any number of combinations to create many types of selected subfiles. Printout of the database is extremely flexible and is limited only by the creativity of the user. The main program allows creation of database files, entry, update, display, scan and printout of individual records. Input routines are easy, and both programs are menu driven.

ACCOUNTS RECEIVABLE            M9/120  
REQUIRES:                    \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

This program holds 500 records or transactions on a single sided disk drive. The program and the files can be held on one disk, thereby eliminating the chore of constantly changing disks while running programs. It is fully featured for easy record keeping, and maintains a current status of accounts and allows report printout or individual screen copy.

ACCOUNTS RECEIVABLE            M9/130  
REQUIRES:                    \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

M9/130 is like M9/120, but holds 2000 records or transactions and is used with a dual-sided disk drive. All of the features of M9/120 are present here--just more of it!

STATISTICS PACKAGE            M9/140  
REQUIRES:                    \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

M9/140 is self-explanatory and needs no documentation. It is a collection of seven programs for the statistics field, and provides printed reports of data.

BOOKKEEPING SYSTEM            M9/150  
REQUIRES:                    \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

NOTE: This program requires  
two disk drives  
This program features a fully integrated bookkeeping accounting system for a small business.

POINT OF SALE SYSTEM            M9/160  
REQUIRES:                    \$14.95  
Extended BASIC.....RS232 Interface  
Two cassette recorders.....Printer

Also for the small business, this program updates records and keeps track of daily sales and inventory changes.



MASTER 99 SERIES

HOW TO USE THIS CATALOG

The Owner-Written & Translated Software Catalog is for the exclusive use of members of the International 99/4 Users-Group. Orders for products listed in this catalog by non-members will be refused.

For best use of the Owner-Written Software Catalog, members should select the programs they wish to order from each category, and check each selection for any additional module or peripheral equipment requirements which may be necessary to operate the program selected. This information is supplied in parentheses with each catalog selection; merely refer to the key at the top of each page to determine each program's operating requirements.

An asterisk (\*) appearing before the name of the program indicates that a revision and improvement has been made to the program existing in the previously published catalog.

When ordering programs from the Owner-Written Software Catalog, please be sure to use the convenient order form which has been provided for this purpose. We encourage you to make copies of this form for future orders.

BOOKKEEPING SYSTEM  
REQUIREMENTS:  
Extended BASIC.....MS-DOS 2.0  
128 Memory Expansion.....Printer

NOTE: This program requires  
two disk drives.  
This program features a fully  
integrated bookkeeping accounting  
system for a small business.

POINT OF SALE SYSTEM  
REQUIREMENTS:  
Extended BASIC.....MS-DOS 2.0  
Two cassette recorders.....Printer

Also for the small business, this  
program updates records and keeps  
track of daily sales and inventory  
changes.

ACCOUNTS RECEIVABLE  
REQUIREMENTS:  
Extended BASIC.....MS-DOS 2.0  
128 Memory Expansion.....Printer

This program holds 255 records or  
transactions on a single sided disk  
drive. The program and the files can  
be held on one disk, thereby  
eliminating the chore of constantly  
changing disks while running programs.  
It is fully featured for easy record  
keeping, and maintains a current  
status of accounts and allows report  
printing or individual screen copy.



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## COPYRIGHT STATEMENT

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All programs submitted to the International 99/4 Users-Group Software Exchange Library remain the property of the original member who either coded or translated the program and submitted it to the Exchange Library. The International 99/4 Users-Group claims proprietary rights to many programs listed in the library but cannot be held responsible for their contents. Programs contained in the Software Exchange Library are held in trust by the International 99/4 Users-Group for redistribution to its membership.

The International 99/4 Users-Group will not make any changes in the source code of any program submitted to the Software Exchange Library and cannot be held liable for copyright infringements on any program listed in the Software Exchange Library.

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4. A 3% SERVICE CHARGE WILL BE ADDED TO ALL CASHED ORDERS.

5. ALL VISA AND MASTERCARD CASHES ARE VERIFIED BY PHONE.  
WHEN PLACING AN ORDER BY MAIL, INCLUDE A PHONE NUMBER.  
NUMEROUS ORDERS ARE DELAYED OR REFUSED DAILY BECAUSE  
CARD NUMBERS ARE LISTED INCORRECTLY OR AUTHORIZATIONS  
ARE INITIALLY DECLINED.



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## EXCHANGE POLICY

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Any member who submits a workable program under the following guidelines written in TI BASIC, TI Extended BASIC, TI LOGO, TI-FORTH or 9900 Assembly code may choose four programs of their choice for each program submitted to the International 99/4 Users-Group Software Exchange Library.

All programs submitted to the Software Exchange Library will be returned to the submitting member and a duplicate copy will be maintained in the Software Exchange Library for redistribution to its membership.

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## SUBMISSION POLICY

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All programs submitted to the Software Exchange Library must be on cassette tape or floppy disk (hardcopy listings are not acceptable).

The author's or translator's name, city, state, zip code and the date of submission must be encoded in REM statements in the first lines of each program submitted.

No more than four programs will be accepted from any member per exchange request.

The International 99/4 Users-Group Software Exchange Library will not accept programs that duplicate existing entries in this catalog, programs that are published by magazines or other publications which hold copyright authority on originally coded TI BASIC or Extended BASIC programs or programs which may infringe on copyrighted titles, i.e.: Star Wars, E.T., Munch Man, etc.

The International 99/4 Users-Group cannot be held responsible for loss or damage to any cassette or diskette which is submitted to the Software Exchange Library.



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## REDISTRIBUTION POLICY

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Members who do not wish to participate in the Exchange Program may obtain, for a nominal service charge, any program in the Software Exchange Library. Library programs may be obtained for \$3 each, either on cassette tape or floppy disk. This charge is to cover our costs for operation, media, mailing, and maintenance of the Exchange Library.

### IMPORTANT!

1. A MINIMUM OF FOUR PROGRAMS MUST BE ORDERED.
2. WHEN ORDERING THE MINIMUM OF FOUR PROGRAMS, THE MEDIA METHOD CANNOT BE COMBINED. MEANING, THE MINIMUM ORDER MUST BE FOUR CASSETTE BASED PROGRAMS OR FOUR DISK BASED PROGRAMS.
3. WHEN ORDERING CASSETTE BASED PROGRAMS AND TAPE BASED PROGRAMS, A MINIMUM OF FOUR PROGRAMS MUST BE ORDERED OF EACH TYPE OF MEDIA. MEANING, FOR EXAMPLE, AN ORDER OF FOUR CASSETTE BASED PROGRAMS AND ONE, TWO OR THREE DISK-BASED PROGRAMS WILL RESULT IN THE FULFILLMENT OF THE TAPE BASED ORDER AND THE REFUSAL OF THE DISK BASED ORDER.
4. HARDCOPY LISTINGS OF AVAILABLE PROGRAMS MAY BE ORDERED FOR \$1.25 EACH. THE MINIMUM ORDER POLICY DOES NOT APPLY.

### WHEN ORDERING BY VISA OR MASTERCARD:

1. ALL CHARGE ORDERS, REGARDLESS OF PRODUCT, MUST MEET A MINIMUM TOTAL OF \$15.
2. THEREFORE, A MINIMUM OF FIVE PROGRAMS MUST BE ORDERED IN THE SAME MANNER AS STATED ABOVE.
3. HARDCOPY LISTINGS MAY NOT BE ORDERED BY CHARGE CARD UNLESS A MINIMUM TOTAL OF \$15 IS REACHED OR LISTINGS ARE ORDERED IN CONJUNCTION WITH OTHER ITEMS WHEREIN THE TOTAL AMOUNT REACHES \$15.
4. A 3% SERVICE CHARGE WILL BE ADDED TO ALL CHARGED ORDERS.
5. ALL VISA AND MASTERCARD ORDERS ARE VERIFIED BY PHONE. WHEN CHARGING AN ORDER BY MAIL, INCLUDE A PHONE NUMBER: NUMEROUS ORDERS ARE DELAYED OR REFUSED DAILY BECAUSE CARD NUMBERS ARE LISTED ERRONEOUSLY OR AUTHORIZATIONS ARE INITIALLY DECLINED.



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## USER INSTRUCTIONS

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### CASSETTE LOADING

All Owner Written & Translated Software is provided on high quality audio tape and is checked by the International 99/4 Users-Group for loading ability prior to leaving our office. Programs are placed on the cassette in numerical order rather than as indicated on any particular invoice. Most cassette tapes ordered from the Software Exchange Library contain more than one program and are separated by blank spaces on the tapes. We advise that you check each program you receive and make note of the tape counter number where each individual program starts. An insert card has been provided for this convenience.

It is also highly advisable that as you load each Owner Written program into your console for the first time that you make a back-up copy in case accidental erasure should occur. This back-up procedure also ensures more accurate loading performance on matched system components.

To load an Owner Written & Translated program simply follow the instructions provided on page I-10 of the Users Reference Guide provided with your computer.

We suggest that you set both the tone and volume controls of your tape recording equipment to nearly their maximum settings when loading our tapes. We have ascertained that in most instances when the error message "No Data Found" appears, it normally indicates that the tone and volume controls of your tape recorder are set too low. When the error message "Error Detected in Data" appears, it normally indicates that the tone and volume settings are too high.

Different recording equipment performs in different ways; it is up the individual owner to determine proper tone and volume control settings for their equipment.



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## USER INSTRUCTIONS

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### DISKETTE LOADING

All Owner Written & Translated Software is provided on high quality diskettes and is checked by the International 99/4 Users-Group for loading ability prior to leaving our office. All programs are placed on the diskette in numerical order rather than as indicated on any particular invoice. Most diskettes ordered from the Software Exchange Library contain more than one program and a convenient Program Catalog is included with each diskette. We advise that you keep this catalog listing with your diskette for future reference.

Programs listed on the diskette catalog are listed by program number rather than program name. Please reference the Owner Written Software Catalog for corresponding name and description.

**DO NOT INITIALIZE YOUR DISK.** Initializing a disk erases all existing data and prepares it to receive new data.

The International 99/4 Users-Group highly advises that the first time you load our programs from your diskette you make a back-up copy in case accidental erasure should occur.

To load diskette software, simply follow the instructions on page 29 of the Disk Memory System manual provided with your Disk Controller Card PHP 1240. Again, **DO NOT INITIALIZE YOUR DISK.**

Some diskette based programs may exceed the memory limitations of the 99/4 and the 99/4A when loaded without using the Call Files command, which is explained on page 36 of the Disk Memory System manual. If you experience a "Memory Full Error" or I/O Error 02, please refer to this section of your manual.



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## LIMITED WARRANTY

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### HARDWARE

Warranty on Owner Written & Translated Software covers the case components of the software package only. The components include all cassette tapes, diskettes, plastic containers, and all other hardware contained within an individual order. This limited warranty extends for three months and does not extend to the program contained within the software media and any accompanying documentation.

The hardware is warranted against malfunction due to materials or construction. This warranty is void if the hardware has been damaged by unreasonable use, neglect, improper service, or other causes not arising out of defects in material or construction.

### WARRANTY DISCLAIMER

Any implied warranties arising out of this sale, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the above three-month period. The International 99/4 Users-Group shall not be liable for loss of use of the hardware or other incidental or consequential cost, expenses, or damages incurred by the consumer or any other user.

Some states do not allow the exclusion or limitation of implied warranties or consequential damages, so the above limitations or exclusions may not apply to you in those states.

### PERFORMANCE UNDER WARRANTY BY IUG

During the three month warranty period, defective hardware will be replaced when returned postage prepaid to the International 99/4 Users-Group at P.O. Box 67, Bethany, OK 73008. The replacement hardware is warranted for a period of three months from date of replacement.



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## LIMITED WARRANTY

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### DISCLAIMER REGARDING PROGRAMS

The International 99/4 Users-Group does not warrant that the programs listed in the Owner Written & Translated Software Library will be free from error or will meet the specific requirements of the consumer. All programs are checked by the IUG for operational abilities before placing them in the Software Exchange Library Catalog and although some programs may contain slight bugs, the bugs should not impair the total operation of the program.

The consumer assumes complete responsibility for any decision made or actions taken based on information supplied by the IUG in the Software Catalog. Any statements made concerning the utility of the programs are not to be constructed as expressed or implied warranties.

The International 99/4 Users-Group shall in no event be held liable to anyone for special, collateral, incidental, or consequential damages in connection with or arising out of the purchase or use of programs in the Software Exchange Library.

Unprotected programs purchased by consumers cannot be refunded but will be replaced at the discretion of the International 99/4 Users-Group should the program not load or perform as stated in the Owner Written & Translated Software Catalog.



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Ba.....BASIC only  
 Ex.....Extended BASIC  
 SS.....Speech Synthesizer  
 SO.....Speech Synth. optional  
 Mem.....32K Memory Expansion  
 TEII...Terminal Emulator II

## GAMES

DO....Disk only  
 TO....Tape only  
 S/E....Speech Editor or Ex. BASIC  
 Pr....Printer  
 Js.....Joysticks  
 E/A....Editor/Assembler

1001	BIBLE I A "guess who I am" game about Bible characters.	1034	HAMURABI (Ba) Control the destiny of a nation!! An excellent computer game.
1002	BIBLE II (SE, S/E) A different program written to be used with a printer. The better of the two.	1035	INDIAN A most challenging game of position and strategy. Ages 12 and over.
1003	*BLACK-JACK Deal the cards--21 is the big winner here.	1036	LANDING (Ba, SS, S/E) An input game that requires you to make a soft landing.
1004	CARS AND CARCASSES (Ba) One of BEST!! Drive your car around the screen and try to run over the monsters.	1037	SHOOTOUT (SS, S/E) You need to get the enemy ship in the cross-hairs before firing.
1005	CIVIL WAR (Ba) Try to alter the course of history.	1038	TOURING (Ba, SS, S/E) Select road width and driving conditions. Fun for all ages.
1006	CRAPS (SS, S/E) Place your bets and roll those bones.	1039	*SEYMOUR THE MONSTER An excellent educational word-guessing game. Guess the correct letters or be eaten by Seymour.
1007	GUESS PHRASE You try to guess well-known phrases. Can be played by two.	1041	STAR-FIGHT (Js) A difficult game to master, but one of the best space games we have. Ages 12 and over.
1008	HANGMAN (SS, S/E) Face the gallows on each letter guessed. Get the word right or swing.	1043	LIFE (Ba) A very interesting and thought provoking program. Cells live and die. Ages 16 and over.
1009	LUNAR LANDER About the most challenging space game you'll find. Master this one and you're ready to fly to the moon.	1044	CODE BREAKER (Ba) A master-mind type game. Difficult to play, but if you can figure it out it's loads of fun.
1010	MASTER Another one of our BEST!! Match the colors is the way to win in this game.	1045	CAMEL (Ba) Similar to the desert game but with more graphics. This is a fun game!
1011	MONSTER (Ba, SS, S/E) In this one if you don't guess the correct word the Monster will eat you.	1046	ENGLISH TENNIS (Ba, Js) A new version of a "Pong" type game for two players. Fun for all ages.
1013	OBSTACLE COURSE Move your car through the maze to the finish line. This is an excellent program!	1047	*U.F.O. A new input type space game for you Star Trek lovers. We think you'll like this one.
1014	PONY Run this for a day at the race track. Excellent speech in this program.	1049	WAMPUS #2 (SS, S/E) A new version of the Wampus computer game. Ages 12 and over.
1015	PRESIDENTS (Ba) From clues the computer will give, guess what president it is looking for.	1050	YAHTZEE (Ba) This adaptation of Milton Bradley's game of Yahtzee is fantastic!! Fun for the whole family, up to four can play.
1016	SAILING This is not an easy program to master but lots of fun. The object is to sail around three pylons in the shortest amount of time.	1051	QUEST (Ex) The best of several Quest games we have received. Object is to find your way out of a cave.
1017	SCHMOO (Ex) A fantastic mud-throwing contest with Schmoo. This program is a real winner!	1052	WAMPUS Hunt down the Wampus but watch out for the pit!
1018	SIMON I (Ba) Listen for the tone and watch for the colors. Not as easy as it may sound. Another GREAT PROGRAM.	1053	WORDSEARCH (Pr) Why buy books for wordsearch puzzles when the 99/4 can do it for you? An excellent programming job!
1019	SLOTS (Ex) Graphics and music add new interest to this one-armed bandit.	1054	AIR AND SEA BATTLE 99/4 Only A one- or two-player game. Airplanes and ships move across the screen and try to destroy each other. The player with the most hits wins.
1020	*SLOT MACHINE (Ba, SS, S/E) Pull the one-armed bandit and cross your fingers.	1055	ANIMAL A game with some educational value--try to fool the computer. Watch as your computer stores information and gets smarter as the game progresses.
1021	TAROT CARDS If you need your fortune told here is the way. Different words in the sentence.	1057	*CHECKERS Play a challenging game of checkers against the computer. A very well-written program.
1023	TIC-TAC-TOE (Ba) A two-player game where the computer can also win.	1058	DUNKSHOOT (Js) Just like the county fair midway!! Take aim and fire at ducks, spiders and bullseyes.
1025	MUGWAMPUS A new twist on a wampus-type computer game. Ages 12 and over.	1060	GOLF Play a challenging game of golf at the 99/4 Country Club. The computer even lets you choose your own clubs. Entertaining for the entire family.
1028	CAPTURE A game of logic that involves the CAPTURE of an enemy ship--not its destruction.	1062	QUEEN (Ba) Based on the moves of a chess queen. This game is hours of strategy and fun.
1029	DESERT An input response program. The object is to cross the desert on a camel without killing the animal or yourself.	1064	DOCKING You must land your space ship on earth through a maze of stars. You have limited use of your lasers so be sure you know the way. A great game for 10 and over.
1030	CRAZY LINES (Js) One we really enjoy!! Don't go out of bounds or cross the opponent's line. For 2 players.		
1032	ROAD RACE Drive your car through a maze of barriers. Select gear and directions.		



# GAMES

Ba.....BASIC only  
Ex.....Extended BASIC  
SS.....Speech Synthesizer  
SO.....Speech Synth. optional  
Mem....32K Memory Expansion  
TEII...Terminal Emulator II

DO.....Disk only  
TO.....Tape only  
S/E....Speech Editor or Ex. BASIC  
Pr.....Printer  
Js.....Joysticks  
E/A....Editor/Assembler

- |      |   |      |   |
|------|---|------|---|
| 1065 | *ARTILLERY (Ba)<br>A super game for 12 and over. Strategy and planning aid you in destroying the enemy. Great graphics!   | 1095 | NUMBERS AWAY (Ba)<br>Another game from Hong Kong! This simulates the popular TV game, Gambit. An excellent programming job here.  |
| 1066 | DRAGONMAZE<br>One of the best maze games we have seen! This is a real memory buster which pits the player against the computer. You must move through the maze before the dragon catches you.   | 1096 | AWARI (Ba)<br>Pit yourself against the legendary Umlala Kubui in the ancient African game of Awari. An excellent programming job.   |
| 1069 | *GOMOKO<br>Strategic board game matching your mind against the computer or another player. First player to place five of his markers either horizontal, vertical or diagonal wins!! For 12 and older.   | 1098 | AIR COMBAT (Ba, Js)<br>An excellent program we're sure you'll enjoy. Fly your plane off the deck of an aircraft carrier to do battle with enemy planes.   |
| 1070 | OTHELLO (Ba, Js)<br>In this challenging board game you will see some of the best 3-D graphics the 99/4A can produce.  | 1099 | BATTLE FOR IAPETUS (Ba, TO, Js)<br>An interesting graphic game in which you try to destroy all of the other player's gun positions. For ages 12 and older, this game is one in which you will not get bored easily!       |
| 1071 | ROBOT (Ba)<br>A game designed for 1, 2, or 3 players, it is fun for the entire family. A super graphics and animation program.  | 1100 | SCORCHER<br>You are trapped in a field enclosed by an electric fence, surrounded by 40 fast-moving scutters. You must scorch them before they scorch you! An excellent game for ages 10 & up.                             |
| 1072 | SINKING SHIPS<br>A battleship type game that is fun for the family. Sink all the ships and you win the game. Ages 10 and older.   | 1101 | ALIENS (Ba, Js)<br>A challenging space game in which you must destroy enemy targets as they move down and across your screen. Speed is fair and we like this one.   |
| 1074 | LANDER (Ba)<br>An interesting game that requires you to judge the burn of your rocket engines in order to make a soft landing on the planet.  | 1102 | DEEP-SPACE<br>This text-only space game is a real challenge. Suggested for the 16 and older age group.  |
| 1076 | ONE-ARM (Ba)<br>This new slot machine game is loaded with hours of gaming fun. Gamble as though in VEGA\$ without leaving your home!!   | 1103 | SPLAT<br>Test your ability to free-fall parachute on several planets. You set the time of the fall and hope you don't splat. A nifty game.  |
| 1079 | VERBOTEN<br>An educational game for two players which deals with the alphabet.  | 1104 | WHITE HOLES (Ba)<br>One of the best maze games we have seen. The object is to find all the white holes and destroy them. Not an easy win here, 16 & older.  |
| 1080 | LAPIDS<br>Game suggested for beginners or young children. The object is to remove a rock from a pile.   | 1108 | DEATH-TANK (Js)<br>Play this two-player game for hours. Each player commands a tank and the object is to destroy the opponent's tank. A bit slow, but fun.  |
| 1081 | MONSTER COMBAT<br>The object is capture treasures and move through a maze full of monsters that you must conquer.   | 1109 | BONKERS (Ba)<br>As the title screen says, this game is designed to drive you Bonkers. Another one of Gene Hitz's fantastic programs, it's hours of fun.   |
| 1083 | ROBOT CHASE<br>The object is to escape from several robots by using a series of moves. You can destroy them by running into fence posts. Hours of great fun.  | 1110 | HELICOPTER RESCUE (Js)<br>You must fly your helicopter to a building, pick up a body and deliver him to the hospital. Press ENTER to pick up the body and land of top of the chimney and press ENTER to deliver the body. |
| 1085 | THE CHASE<br>A real thinker's game. The object is to track down, intercept and shoot a target. It requires you to solve algebraic problems in your head while playing. A very interesting and entertaining program. Suggested for 16 and older. | 1111 | SPACE-SHOOT (Ba)<br>Chase the alien spacecraft around the screen and destroy him with your laser fire. Operator must have good, quick reactions to win this game.   |
| 1086 | FOOTBALL<br>This text-only game is fun for all. You will have to list program for instructions.   | 1112 | MOTOCROSS (Ba)<br>Excellent! A fun game for the entire family. Race your motorcycle around different tracks.  |
| 1087 | ISLAND (99/4 ONLY)<br>Go on a treasure hunt on a South Sea Island in this text-only program. This one is very challenging, and is suggested for ages 16 and up.   | 1113 | HANGMAN & SPELLING<br>A very good hangman game that does not require speech. Ages 6 and up.   |
| 1088 | J C L SQUARES (Ba)<br>A very professionally written program in which you must connect the dots to form squares. Fun for all.  | 1114 | CHECKERS #2 (Ba, TO)<br>An excellent game with well-thought-out Keyboard entry. Exceptional graphics and speed. A great game for the entire family.   |
| 1089 | KING (Ba)<br>One of the best text-only programs we have. Rule your Kingdom wisely and you are rewarded; fail and you die.   | 1116 | HOME RUN (Ba)<br>Every pitch is a potential out or home run. A good game and fun for the younger ages.  |
| 1090 | LEXICALITY (Ba)<br>Lexicality is a word building game for up to 4 players. The object is to make words of as many letters as possible.  | 1118 | KENO (TO)<br>The Las Vegas favorite of Keno now comes to the 99/4. Just as in the actual game, the more numbers you guess right the more you win.   |
| 1091 | PUZZLE 15<br>A popular traveling game now brought to your computer. The object is to arrange 15 numbers in sequential order in the least amount of moves. An excellent program for all family members.  | 1119 | LASER WINS<br>An excellent game in which you must get the enemy ship in your crosshairs, then fire before he gets you. Plenty of fun here! Ages 10 & up.  |
| 1092 | ZAP-A-BALL (Js)<br>An excellent game that requires 2 players to possess quick hand-eye coordination. The object is to keep your ball from entering your side of the screen.   | 1121 | MATCH GAME<br>In this text only game you play "fill in the blanks" just like the TV match game. The questions are silly but the game is fun.  |
| 1093 | *DEPTH CHARGE<br>A challenging game that requires the user to destroy a hidden submarine by plotting coordinates. This text-only program is for ages 10 and older.  | 1122 | BATTLESHIP<br>Enjoy this one-player battleship game. Sink all the ships in the least amount of shots.   |



# GAMES

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Ex.....Extended BASIC  
SS.....Speech Synthesizer  
SO.....Speech Synth. optional  
Mem.....32K Memory Expansion  
TEII...Terminal Emulator II

DO.....Disk only  
TO.....Tape only  
S/E....Speech Editor or Ex. BASIC  
Pr.....Printer  
Js.....Joysticks  
E/A....Editor/Assembler

- |      |   |      |  |
|------|---|------|--|
| 1123 | STELLAR (Ex, Mem, TO)<br>Text game that requires the operator to command a spaceship and crew to other planets. The object is to explore, discover and avoid perils.  | 1149 | CONNECT THE DOTS<br>The object of this little game is to connect the dots in a 7 x 7 grid. The one to complete the most squares is the winner.   |
| 1124 | STAR-GUARD (DO) Listing not available<br>This challenging program actually contains two additional programs to assist you. A fun and exciting game that requires you to fire your laser at alien targets. The "rules program" will explain the rules and "boot score" program will keep track of highest score to date. | 1150 | ACEY-DUCEY<br>Great cards graphics in this program which asks the user to bet whether he can hit a card in between the two cards the computer displays. Fun for all ages.  |
| 1125 | STOCK MARKET<br>Text game that allows you to play the Stock Market without ever losing real money.  | 1151 | BLACK BOX<br>An excellent program to test your memory skills and skills of deduction. The object is to find atoms hidden in the Black Box by injecting rays. Best for 16 and older.  |
| 1126 | BOXING (Ba, Js)<br>Try to knock out your opponent in this terrific game. Super program with directions included.  | 1152 | 3D TIC-TAC-TOE<br>As good or better than the TI program of the same name. Great programming here.  |
| 1127 | IN-BETWEEN<br>Computer program that will deal the famous "In-Between" card game. Super graphics.  | 1153 | BOMB SCARE<br>In this text-only game you are required to find a bomb located in one of 1,000,000 rooms from the signals it gives off. The closer you get the stronger the signal, but you only have 20 tries. A real fun game.     |
| 1128 | TIME BOMB<br>Text game that requires the user to disconnect one of ten wires to disengage the bomb. Be careful, disconnecting the wrong wire will cause the bomb to explode.  | 1154 | DRACULA<br>An interesting game from one of our West German users. The object is to avoid Dracula as long as possible before being caught. Fun for all ages.  |
| 1129 | *DOMINOES<br>Play dominoes against the computer. The numbers are substituted with letters. Excellent programming job and fun game.  | 1156 | MARS LANDER (Ba)<br>An interesting game for the younger set. Use the arrow keys to make a soft landing on Mars. 6-16.  |
| 1130 | ORBIT (TO, SS, TE II)<br>A game of limited graphics. You must deduce where the hidden aliens are and direct your fire toward them. A good program to teach sense of direction and distance.   | 1157 | SWORDS & SORCERY (Ex)<br>In this text-only game you must escape many dangers while fighting for your life.   |
| 1132 | *MINER (Ba)<br>This is one of our best! Excellent graphics and a fun game. Dig for gold to become rich--but don't cave in! Professional programming job.  | 1159 | DEVILS DUNGEON<br>An excellent text-only D&D type game. The object of the game is to acquire as much gold as possible while avoiding monsters. One of our favorites.   |
| 1133 | SCRAMBLE<br>Word games for ages 10 and up. Try to find as many words as possible in three minutes. Also a reverse game.   | 1161 | NAVIGATE (Ex, Js)<br>Fun to play but not easy to obtain a high score, as this game requires much skill and dexterity.  |
| 1134 | KNIGHTS<br>Word text game that requires you to place the Knights, Knaves and Knumbskulls in the right order by determining statements that are true and false--Good time.   | 1162 | MONSTER CHASE<br>An interesting game in which monsters chase you around the screen. You may destroy them but it's not easy. Suggested for ages 12 and older.   |
| 1136 | CONNECT FOUR (Ba)<br>Similar to the Milton Bradley game, this BASIC program is very well written. Object is to connect four. A very good game for ages 6 and up.  | 1163 | MAN-EATING RABBIT<br>This text-only game pits you against a man-eating rabbit. If you are able to avoid the rabbit for 10 moves, you win. A very interesting game.   |
| 1138 | SPACE SCOUT (TO)<br>One of the best space games we have. Graphics are excellent but need a little more instructions. A must for those of you who are into space games.  | 1164 | TAIL (TO)<br>In this game you must capture diamonds without retracing your steps. A great game for the entire family.  |
| 1139 | SUPERMAN (TO)<br>In this text only game you must destroy 10 supervillains around the city. A very exciting game for the 16 and over age group.  | 1165 | TAIL (DO)<br>The same game as #1164 but designed to run with a disk system.  |
| 1140 | MOTORCYCLE JUMP<br>In this simple text only program you judge your speed and incline in an effort to jump buses.  | 1166 | EXTENDED BLACKJACK (Ex)<br>You will find excellent graphics in this Las Vegas style BLACKJACK game. You will also need some real luck to beat the house.   |
| 1142 | BATTLERS (Ba)<br>A two-player game that is loads of fun. Very colorful graphics. Object is to destroy the other player. An excellent game.  | 1167 | ROCKET LAUNCH (Ex)<br>The object of the game is to launch your rocket at a precise time enabling it to hit the Jet Plane above you. Scoring includes attempts, hits, misses, and percentages. Good graphics and speed.             |
| 1143 | NOMAD (TO)<br>Another one of the better text only games that we have. By prompts from the computer you must locate Grandma's house. Ages 16 and older.  | 1168 | SPANISH BATTLESHIPS<br>From our friends at Texins de Colombia in Bogota Columbia SA, comes this all Spanish version of the ever popular Battleship game. Very well written and a great educational tool for learning some Spanish. |
| 1144 | YAHTZEE-28 (Ba)<br>The same great program as 1050 but adapted to use only 28 columns of the screen.   | 1170 | ROULETTE II<br>An exciting trip on the Wheel of Fortune--Las Vegas Style betting is used in this game of chance.   |
| 1145 | MOUSE IN A MAZE<br>An excellent program for users 12 and older. The object is to work your mouse through a maze and find the chunk of cheese. A very tricky maze game.  | 1171 | SKI SLOPE<br>An interesting game of downhill skiing. Suggested for ages 6 and up. Quick response is needed to achieve a high score.  |
| 1146 | ALPINE SKIING (Ba)<br>Choose from 6 different levels of difficulty and two different courses as you try to master the downhill race. Great graphics and loads of fun for the entire family.   | 1172 | *SPACE BELT<br>Drifting in deep space, your mission is to destroy all enemy targets in this colorful game. Good speed and graphic effects in this BASIC game.  |



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| <p>1173 FLYING SPRITES (Ex, Js)<br/>An almost impossible game that requires the player to capture letters or numbers as they fly across the screen. A built-in timing feature adds an additional challenge.</p> <p>1174 KISMET (Ex, DO)<br/>Similar to Yahtzee, but with colored dice. Kismet provides a challenge for up to 4 players. A good family game.</p> <p>1175 MUNCH<br/>In this BASIC game you must clear all of the dots from the maze board to win. Could use some type of scoring system and be a bit more challenging.</p> <p>1176 ROBOTWARS (Ba)<br/>Simple but interesting! Move to avoid being destroyed by the Killer Robots!</p> <p>1177 CLOSE ENCOUNTERS<br/>This text only game is good for those of you who enjoy Operation Fail-Safe type programs. Fairly easy but a good game.</p> <p>1178 FIRE<br/>You must try to stop a raging forest fire in this super text only game. You can choose to use a backfire of chemicals, but you must put out the fire.</p> <p>1179 SAD FACE (Ex)<br/>A dice game with a new twist. Try to roll 50 points before the computer does. BUT--if the SAD FACE comes up you lose your points that round.</p> <p>1181 POKER (Ex)<br/>Excellent game of 5 card draw against the computer. Draw up to 3 cards with a \$5.00 betting limit.</p> <p>1182 *CRAZY CLOWN (Ex, Mem, SS, DO)<br/>An excellent program for pre-school children. Choose from four different games. A wonderful program.</p> <p>1183 *COOTIE (SS, TE II)<br/>One of the all time favorite parlor games comes to life in this excellent program. Suggested for ages 6 and up.</p> <p>1184 OTHELLO II<br/>This one comes with complete playing instructions and offers 3 levels of difficulty. Two players, or play against the computer. Level 3 is HARD!!</p> <p>1185 PIN THE TAIL<br/>A very well done game that is great for children's parties. Screen shows Donkey, then goes blank for you to try to relocate.</p> <p>1186 SMILEY<br/>Move around the screen gathering points while you avoid being eaten by a "SMILEY FACE" critter.</p> <p>1187 SPACE GEM (Ex)<br/>A recent pick as one of Charlie's Choices. This is a very good but difficult game to master. Sprite graphics show your space ship as you try to avoid crashing into other ships.</p> <p>1190 SCORE 4 (Ba)<br/>Similar in nature to Milton-Bradley's Connect 4. This BASIC game is great family entertainment.</p> <p>1191 IMPERIAL LANDER (Ex, Mem, DO)<br/>Excellent graphic effects! You must leave the mother ship, then land on the Planet Zira. After landing, you must then return to the mother ship. Suggested age: around 10 and older.</p> <p>1193 TREK<br/>Shoot at your enemy with phasers or torpedoes. Dock at your Home Base to refuel. Impulse and warp drive capabilities are included in this BASIC game.</p> <p>1194 CHICKEN HELPER (Ex)<br/>If you have an Extended BASIC, you will want this one for your Software Library. Programmed by the brothers Beljaff, Chicken Helper is a real delight. OBJECT? To get the chicken to the other side of the road!</p> <p>1195 RESCUE CHALLENGE<br/>Try to rescue a friend on a damaged spacecraft before it is pulled up into the sun. A very challenging game for 16 and up.</p> | <p>1196 ALIEN<br/>A well done game in TI BASIC. Shoot down the flying saucer before it gets you. Graphic styling is in a "Space Invader" format. Good speed and great action.</p> <p>1197 PART TIME (Ba)<br/>From the Queen's lands in Australia comes this nifty Horse Race program. Place your bets and watch the ponies race across the screen.</p> <p>1198 CONCENTRATION<br/>An excellent game of Concentration with four different skill levels. 48 squares hide letters you must reveal, then match. An excellent mind builder.</p> <p>1199 EGG WARS (Ex)<br/>This is an unbelievable game of fun and dexterity. Princess LAY-A is in trouble and need your HELP. Superb graphics are used as you find that you can't put all your eggs in one basket. Fun for all ages.</p> <p>1200 *TRENCH<br/>Authored to be nearly IMPOSSIBLE to win, this war game is a real challenge. Based on a WWI battle field situation, TRENCH will be played again, and again, and again.</p> <p>1201 WARFISH (Ex)<br/>An exciting undersea game that can be enjoyed by the entire family. The object of the game is to sink as many enemy ships as possible before they sink you. Options allow you to attack and dive to avoid destruction.</p> <p>1202 *ANT WARS (Ba)<br/>Test your escape skills against deadly yellow ants in this fun filled BASIC game. Fast action and good graphics make this game a real winner.</p> <p>1204 *TI DOGFIGHT (Ex, Js)<br/>A two-player game in which you and a friend are in control of jet fighters. Full screen action make this game very exciting.</p> <p>1205 CHICKEN #2 (Ex, Js)<br/>Similar to Chicken Helper, this game uses larger sprites and allows left and right movement. An excellent game.</p> <p>1206 DRAGON HUNT<br/>From one of our Canadian members comes this BASIC game for small children. Object of the game is to capture the dragon.</p> <p>1207 ALIEN 3 (Ex)<br/>UFOs have been spotted over Washington, D.C. and you are charged with the Capitol's defense. Good sprite action.</p> <p>1208 AUTOBAHN (Ba)<br/>Programmed by a 99/4 owner in West Germany, Autobahn offers fun for the entire family. Good graphic effects and good speed for a BASIC game.</p> <p>1209 APOLLO<br/>Although this game lacks instructions, it is an excellent game to play. Hint: you will only need to press one key. Remember where your fuel stations are, and don't turn more than 360 degrees. Programmed in BASIC, we're sure you'll enjoy it.</p> <p>1210 STARDODGER (Ex)<br/>Excellent use of sprite graphics make this game loads of fun. Lost with a computer-controlled ship in an asteroid shower, you must maneuver your ship away from the asteroids to score.</p> <p>1211 S/A MISSILE (Ex)<br/>A super two-player game which can be played from the keyboard. Choose the amount of missiles you want, and fire at enemy aircraft over the city.</p> <p>1212 EXTENDED GOLF (Ex, Js)<br/>This graphic golf course shows location of your shots, and allows different swing strengths. An excellent game for the entire family. A superb programming job.</p> <p>1213 BACCARAT (Ex)<br/>Chemin de Fer Madame and Maseur for the high stakes game of Baccarat. A fantastic card game for the computer.</p> <p>1214 *HOT-DOG (Ex, Js)<br/>Hot-Dog needs your help in crossing the busy freeway. This is an excellent game for all ages, and menu selection allows different difficulty settings. Super graphics.</p> |
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| <p>1216 TANK SHOT<br/>From a West German member comes this great BASIC game. The object is to remember what key fired the right rocket. Excellent speed and graphics.</p> <p>1217 ZAN QUEST (Ex)<br/>You are charged with destroying an enemy fortress and you must avoid enemy ships. Enter the fortress and return to your base. Excellent graphics.</p> <p>1218 DOG RACE (Ex, Mem, DO)<br/>Place your bets at Heist-A-Leg dog track. Pick your favorite, or play a parlay for big wins. Excellent graphics but a bit slow. Great family entertainment for up to eight players.</p> <p>1219 SLITHER<br/>An excellent game similar to TI's Hustle. Fun for the entire family with one or two players.</p> <p>1220 AIR TRAFFIC CONTROLLER (Ex)<br/>You are in command of a busy International Airport. As flights arrive, you must assign their holding patterns and direct their landing operations. For ages 12 to Adult. An excellent game of skill.</p> <p>1221 ASTEROID (Ex)<br/>Good graphics make this Asteroid game fun for the entire family. Similar to the arcade game, the object is to destroy all of the space rocks.</p> <p>1222 WAGON WHEEL<br/>Based on the same principle as the arcade game Donkey-Kong, this game is a real winner. You must save the burning wagon at the top of the screen, but watch out for snakes and runaway wheels.</p> <p>1223 WALK IN THE WOODS (Ba)<br/>A super BASIC game that is fun for all ages. Walk through the woods to collect treasure but watch out and don't step on any dead cats.</p> <p>1224 SPACE COMMAND (Ex, SS, Js)<br/>Hi-Res Graphics and total use of 99/4 abilities make this game a real joy. You must shoot down the enemy spy craft to defend the galaxy. GREAT PROGRAM!</p> <p>1225 CUBE<br/>Manipulate Rubik's Cube using your 99/4A. You can begin with an ordered Cube or have the computer jumble it.</p> <p>1226 LARGO DOWNS (Ex)<br/>Place your bets and watch the ponies run at Largo Downs. Great Graphics! A real professional programming job.</p> <p>1227 TANK RACE<br/>A two-player game of tank battle played out in a random maze.</p> <p>1229 CROSS-WORD (Ex)<br/>A computerized crossword puzzle. Puzzle grid and clues are displayed on your screen. Good program.</p> <p>1230 DIMENSION DOORS (Ex)<br/>A text only Extended BASIC game for one player that requires you to hunt down a magician who is hiding behind one of the doors. A good adventure game.</p> <p>1231 CAT AND MOUSE 99/4 ONLY, (Ex, Js)<br/>Great Graphics and great speed make this cat and mouse space game fun for the entire family. Joysticks are required--we like this game!</p> <p>1232 POTSHOT (Ex, Js)<br/>Based on the same principle as the TI Command Module Video Games, this program is a real Blast. Align your sights on the target and fire. Fun for all ages.</p> <p>1233 SPACE DUEL (Ex, Js)<br/>A very well thought out two-player game. Dogfight with your opponent while trying to avoid collisions with asteroids. Speed is fair and the programming is GREAT!!</p> <p>1234 SPACEWAR (Ex)<br/>A two-player game in which you must outmaneuver your opponent. Mines and transporters make this game all the more exciting.</p> <p>1236 *ASTEROID BELT (Ex, Js)<br/>An excellent space game with vivid graphics. You must avoid the asteroid field and reach the heavens after you pick up a passenger. Fun for all ages.</p> <p>1237 PARTY GAME (BA)<br/>An adult board game of drinking, stripping and fondling. Done in good taste! 99/4A only.</p> <p>1238 CLONES (Ba)<br/>In this BASIC game you need to gather treasure while avoiding all kinds of creatures. Excellent graphics and speed for a BASIC program.</p> | <p>1239 INVASION<br/>From West Germany this game is sure to become one on our most requested. Programmed in BASIC, it offers great speed and can be enjoyed by all.</p> <p>1240 *INDY-500 (Ex, Js)<br/>Pass on the inside or outside but you must avoid hitting other cars on the track. Scoring and timing features built in. Great race action.</p> <p>1241 SPACE GUARD (EX)<br/>Another real good space game which can be played by almost anyone. Timing and scoring features build in. Great action.</p> <p>1242 ALIEN DESTROYER (Ex, Js)<br/>By far the best use of graphics we have seen in a game program. This game is a must for all of you who have Extended BASIC. Exceptional speed and visual effects. A Super Program!!!</p> <p>1243 *SPACE ATTACK (Ba)<br/>A little slow but a good BASIC space game for ages six and over. Nice graphics.</p> <p>1245 *BLOCK BUSTER (Ex)<br/>A Break-Out style game that can be played from the keyboard. Fair speed and good graphics.</p> <p>1247 FREEWAY (EX)<br/>A speedy and interesting challenge to your rapid coordination ability. Get across the freeway and choose large or small trucks!</p> <p>1248 ROAD MAZE<br/>In Extended BASIC, a very smooth running game maneuvering in a maze. Runs choppy in BASIC.</p> <p>1249 LUNAR LANDER (Ex)<br/>An Extended BASIC version of program #1009.</p> <p>1250 TI WARS (Ex, Mem, DO) Listing not available<br/>An Extended BASIC version of the popular #1027.</p> <p>1251 CHECKERS (Ex, Mem, DO)<br/>The Extended BASIC version of #1114. Runs faster and smoother.</p> <p>1254 B-1 BOMBER<br/>A text-only game that will challenge your mental math skills. Requires good memory retention (your own) and skill. Not for tiny tots.</p> <p>1256 GRAVITY<br/>A delightful game for all ages, but the little ones will have hours of pleasure with this one. Simple but not boring.</p> <p>1257 ISLAND JUMPER (Ex), Listing not available<br/>A fantastic and delightful game for all. Superb and charming graphics. It's not so easy as it seems. A wonderful job of game programming.</p> <p>1259 STONEVILLE MANOR (Ex, Mem, DO), Listing not available<br/>An excellent text only D&amp;D type mystery game. You can stop anywhere and save the game for continuing later. Some minor bugs corrected but there may be more. Requires good memory.</p> <p>1261 RUBIK'S CUBE SIMULATION<br/>A fantastic mindcracker that requires good memory and a sense of spacial relationships. It will keep your mind hopping.</p> <p>1262 GOBBLER (Ba, Js)<br/>A very slow "Munchman" type game. Good for the little ones to learn on.</p> <p>1263 CLUELESS<br/>A text only detective mystery game. You will have lots of fun trying to remember all the details.</p> <p>1266 NEW HANGMAN (Ex, DO), Listing not available<br/>Fantastic NEW Hangman game with its own data file for a larger number of words. You can create your own file of words or change if you want.</p> <p>1267 AT THE RACES (Ex)<br/>An absolute delight. Excellent and realistic graphics throughout the game. Up to 11 people can play and place any bets for Win, Place or Show. You will find yourself filled with the same enthusiasm as if you were there.</p> <p>1270 MADLIB<br/>A text only "game." You supply some words and the computer generates stories, etc. at random. Absolutely hilarious!</p> |
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1272	RESCUE CRAFT (Ba, Js) You must be fast with this one. For two players who can keep on their toes without hitting each other while rescuing their crews.	1305	WITCH MOUNTAIN RALLY Text only just heightens your need to keep your brains on straight. You have to race up a mountain with limited gas and vision but you do get a choice of cars. See just how sharp a driver you are!!
1274	BOMBS AWAY (Ex) Do a bombing run on a town and be accurate. Good movement but simple enough for all ages.	1306	CAPTAIN CRUNCH This is a Munchman type game. You have to eat all the apples in the orchard before the Munchkins get you. The challenge is, when you move, it might be one, two or no spaces!! Tense yet?
1275	DARTS A simulated dart game with smooth and fast graphic movement. You have several choices, but don't stick the cat!!	1308	VICTORY AT SEA (Ex) A game similar to the board game of Battle at sea. You play against the computer. Fast action with good graphics, it is a good strategy/guessing game for all ages.
1276	INSANITY (Ex, Js) One of Charlie's Choices. You cannot find a simpler yet more enjoyable and frustrating game.	1309	SHOOT THE STARS (Ex) Who ever would have thought that 9 simple and harmless little stars could drive you up one wall and down the other? All your mental abilities will be tested but you won't give up. Once you start you can't seem to stop. Here they come with a white jacket!!
1277	SPACE PILOTS (Ex) While flying at top speed through the dark void of space you must deactivate those alien space mines but don't hit any stars. Fast!!	1310	KNOCKOUT A game similar to Pong with three different playing options. It has interesting graphics and can be played by one or two people.
1279	ADVENTURE (TO, Js) An adventure game of mystery and intrigue. Lacks complete instruction but that is part of the adventure!!	1311	MATCH-A-PAIR (Ba) A board type matching game for two to four players. You try to match the hidden pairs of objects (up to 24). Excellent graphics.
1282	BATTLEGROUND (Ex, Js) A very fast action game pitting ground force against a plane. Great graphics and simulation. Plane can accelerate and dive.	1312	MINEFIELD #3 Get across the minefield and destroy the enemy ammo dumps without hitting a mine. Good graphics. Great speed when played in Extended BASIC.
1283	INVASION WAVE (Ex, Js) A game quite similar to TI INVADERS. Try this one for a change.	1314	DRAGON'S LAIR (Ex) A text game of mystery and adventure. You must get to the dragon's lair and steal his gold without being trapped or killed.
1284	SLAY THE DRAGON (Ex) Fast action game of high interest with a new twist. Good graphics add to the excitement of this game.	1316	THE HUNGRY TURTLE A charming game of skill for all ages. How many flies can you catch as the turtle swims along? It'll make you smile!!
1286	FOOTBALL 99/4A Only An interesting game that is part text and part graphics. You can play three ways: person v. person, person v. computer, or computer v. computer.	1317	PENTE The famous two-player game of Pente on the 99/4. If you like chess, Othello or checkers, this is another to add to your library.
1288	"M" (Ex, Mem, DO), Listing not available A text only D&D type game. You can spend weeks on this one.	1320	SUB HUNT (Ex) You play against the computer in a challenging submarine hunt. This is a text only game with marvelous introductory graphics.
1290	DESTROYER A text only game requiring mental agility in sinking the battleship. You will become a gunnery expert after you play this one. Not for youngsters.	1322	GRAPHIC ADVENTURE (Ex, Mem, DO) Find your way out of a 3-story dungeon but watch out for those hidden enemies along the way. Good programming job with good graphics. You need a good memory for this one.
1291	DOOMSTONE (Ba) A takeoff on Tombstone City. This game is painfully slow in contrast with the TI version. A novice programmer can have fun reworking this program to improve speed.	1323	LASER ASSAULT (Ba) An excellent and very fast game with good graphics. Good programming gives this its fine speed.
1293	VAMPIRES An interesting game with good graphics. Seems slow but you will still get caught if you don't keep your wits about you. Different levels of difficulty are available.	1326	THRUWAY (Ex, Js) Have you ever seen "Frogger"? Well, try this one. Cross the highway, swim the river, avoid the alligator and if you survive, you get to do it all once again. Great fun for all!!
1294	BUG SPRAY (Ex, Js) A charming game with fast action. Use the bug bomb to eliminate those "spritely" bugs before you get stung. Great for all ages.	1327	SPACE BERSERKER (Ex, Js) This is a relatively slow game that still represents a challenge. It is very hard to win at this one. How good are you?
1296	DRAW POKER (Ba) Excellent graphics make this card game all the more enjoyable. You have choices of the type of game you wish to play.	1331	BIBLE BUZZ (Ba, TO) A question and answer game about the Bible. Quite extensive.
1297	AT THE RACES Another new horserace game as presented by Australian members. A two player game that will keep you shouting your horse on.	1332	FALLING A seemingly simple game that will delight all. Catch the falling ball to score and if you get really good, you can make the ball invisible!!
1298	WORD SCRAMBLE (Ex) A most interesting game resembling Scrabble. Up to four players may play and there are several interesting options for you.	1333	SCRABBLE A computer version of this popular game. Well planned with very good use of the screen and graphics.
1299	THE AIRPLANE GAME (Ex) Shoot down the enemy plane if you can. A fast action game that requires concentration and rapid response. See if you can do it!!	1334	BLACK FOREST (Ba) This one will get you. You must find your way home through the forest IN THE DARK! You can "peek" but it will cost you.
1300	MAD CHEMIST (SS, S/E) This game is not for youngsters since you have to be sharp in your math. Text only requiring good mental math skills.	1336	CARWASH This is a text only game that can help teach children about money management. You are the manager of a carwash and must make decisions about business changes. A challenge!
1304	TIC TAC DOUGH (Ba, S/E, TO) Now you can play the popular TV game right at home. You can change the questions at any time and keep people on their toes.		



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| 1337 | SPACE ORDEAL (Ba, Js)<br>Quite a challenging game of quick response. You must get the mutating space forms with your invisiray before they can change and fire on you.   | 1368 | WARPOUT (Js)<br>No shooting here, you must simply board the skittish alien ship. This game will entertain (and frustrate) you for hours.   |
| 1338 | PIE RING SQUAD (Ex)<br>An absolute jewel of a fun game. Superb graphics will give you hours of laughter. Hit the mountie with a pie but watch out for the crazy gorilla throwing bananas. A must for your collection.        | 1369 | HANDROID (Ex)<br>Great graphics and super fast action will electrify you. You need FAST response and attention to shoot only the blinking HANDROID.  |
| 1339 | CRAPS (Ex, SS)<br>An Extended BASIC version of program #1006. Runs much faster.  | 1370 | MOON SURVIVAL<br>A text only adventure type game that will wrack your brain. There are no instructions, so that is your first adventure!   |
| 1340 | PERSONS, PLACES AND PHRASES (Ex)<br>A "quiz show" on screen for up to four players. Absolutely fascinating for all ages. Make your guess and watch the magic ball bounce out your destiny.                                   | 1371 | CONNECT BY FOURS (Ex, Js)<br>Excellent graphics in this game similar to Connect Four. With disk you can save scores, too.  |
| 1341 | SMOKEY'S BANDIT<br>A text only game where you and your computer, Smokey, try to pursue and capture the bandit. Do you have a good memory?  | 1372 | DEALER'S CHOICE<br>A text only game like the popular TV game. It is actually five games in one.  |
| 1342 | STOCK MARKET<br>A text only game similar to CARWASH. Use your business sense to win or lose playing the market.  | 1373 | MIND CHALLENGER (Ex)<br>A "board" game for 2 players. You must have a good memory to remember where all the items are. Goal is to match as many hidden pairs as possible.  |
| 1344 | BOMB ADVENTURE (Ex)<br>A text-only adventure game of the D&D type.   | 1374 | ROCKETS (Ex)<br>A two player game with excellent graphics and good speed. A very interesting and well done program.  |
| 1345 | DUCK (Ex)<br>Another absolute winner of a game. Superbly written action game with great graphics. Climb the ladders to the throne without getting hit by a duck or a Frisbee. Another MUST!!                                 | 1375 | SUBHUNTER (Ex)<br>A two player game to hunt the sub and destroy it. Excellent graphics. You have to have a good sense of timing for this one.  |
| 1347 | HACKSAW CANYON (Ex)<br>A two player game of skill. Great graphics and action. You must blast away the boulders filling the canyon as you fly overhead.   | 1376 | TREKKIE (Ba, Js)<br>A game with interesting graphics. Avoid the Romulans and dock to recharge before it's too late. Warp drive takes you back to the battle scene.   |
| 1349 | U/BOAT CHASE<br>Interesting graphics perk up this somewhat slow game. Requires a good sense of judgment and timing.  | 1378 | FREEWAY ESCAPE (Ex, SS, Js)<br>An excellent "Frogger" type game of good interest and speed. You have a choice of 5 different items to use for crossing and can set three levels of difficulty. Most enjoyable.   |
| 1350 | I HOBBIT (Ex, DO, Mem)<br>A very complete D&D type adventure game. It comes with a separate program of instructions. You could spend days with this one.   | 1379 | BLACKFISH (Ex)<br>This one will dizzy you. In that swarm of hundreds of wildly moving fish find that little black one and eat it before it grows up. Be watchful of those sharks! Excellent graphics, speed and action.  |
| 1352 | ALIEN RAIN<br>A game quite similar to TI INVADERS but it is very slow. Could be useful to practice on.   | 1380 | BRIDGE GUARD (Ex)<br>An absolutely fantastic job of graphics programming. This game will keep your interest for hours. Different levels of difficulty. Using keys 1-0, you must open sections of a bridge to let the meteors fall through. If you can move like a hummingbird, maybe you can make the highest level! |
| 1353 | DRAW-A-LINE<br>This game seems sooo simple. You only have to fill in all the blanks and you win! This is great to teach youngsters planning and linear relationships.  | 1381 | FROGMAN (Ex)<br>Another superb job of game programming with wonderful graphics, action and interest. Cross the highway and try to cross the moving lily pads before a snake gets you. Hours of entertainment!!   |
| 1355 | P.O.W. RESCUE (Ex)<br>A superb game with wonderful graphics and action. You must fly a helicopter into a POW camp, rescue your men and deliver them to safety, all the while avoiding machine guns, enemy plans and crashes. | 1382 | KRAZY KOALA (Ex)<br>An absolute MUST for your family. The only "cute and cuddly" game we know of. Superb graphics and charm. You must help that lovable koala get to his mate, picking fruit as you go and watching out for that nasty rock-throwing monkey. The detail of the graphics is simply wonderful.         |
| 1356 | SPACE PATROL (Ex)<br>Good graphics and action in this space war game. Watch out for the unexpected!!! A bit short on instructions so LIST the program before RUNNING.  | 1383 | PARAMEDIC (Ex)<br>Different speed levels make this a real challenge as you maneuver your ambulance through a mine field to rescue your wounded.  |
| 1357 | SERPENT & SNAKE<br>A two player game similar to #1219. You will go absolutely crazy trying to avoid yourself, your opponent and the walls. Hours of fun.   | 1384 | GRAND SLALOM<br>Up to 40 speed levels make this a dizzying ski race. Highest speed level is almost impossible to manage unless you are very, VERY good!  |
| 1359 | SUPRA (Ba)<br>A very challenging game with good graphics and action. You will need a hair-trigger reaction and great memory to win at this one.  | 1385 | MINE-TRAP (Ex)<br>Do you have an excellent memory? Test it with this game. You have only a few seconds to memorize this layout of the minefield--then, with the screen blank, you have to try to cross it.   |
| 1361 | CUPID'S ARROW (Ex, Js)<br>This game is "darling" in graphics and concept. You must avoid Cupid's arrows or you will end up with a broken heart. Absolutely delightful!!  | 1386 | PICK UP STICKS<br>A game similar to NIMH. You play against the computer to see who can pick up the last stick. Three levels of difficulty and a choice of who starts make the program more flexible.   |
| 1362 | COLORCODE (Ex)<br>A very well done guessing game. You must guess the colors the computer is "thinking of." Levels of difficulty and other options make this a very versatile program.  | 1387 | SHOOTING GALLERY (Ex)<br>An excellent game with two levels of difficulty. Good graphics make this game very interesting as the targets change speed and direction at random. Loads of fun for all.   |
| 1363 | DROID (Ba)<br>A "board" game for 2, 3, or 4 players. Get the "droids" to gather as much ore as possible without getting cut off by your opponents.   |      |  |
| 1365 | GUESS THE WORD (Ex, Mem, DO)<br>A very well done guessing game that is both educational and highly entertaining. Recommended.  |      |  |
| 1366 | METEOR SHOWER (Ex)<br>You set the time of play and then avoid the meteor shower coming at you fast and furiously.  |      |  |



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| 1388 | STORYTELLER (Ex)<br>A smoothly written program to generate laughable nonsense stories. This is similar to MADLIB and will provide hours of laughter.   | 1405 | TIMEBOMB (Ex)<br>This Extended BASIC version of "disconnect the wires in the right order or else" game has fantastic graphics. Great fun guessing game.   |
| 1389 | LUNAR LANDING SIMULATOR (SS, SE)<br>You are given a graphic presentation to simulate a lunar landing and by correctly setting velocity and fuel, land on the 'dime.' Challenging for all.  | 1406 | TROG (Ex)<br>An excellent game with great graphics. Your "TROG" must blast those invaders coming from all directions. If you're good you'll get a nice bonus.   |
| 1390 | PLUNDER<br>You are given a time limit to fly around the galaxy and absorb all the planet radiation you can. Seems simple, doesn't it?!!!   | 1407 | CONNECT FOUR (Ex)<br>A very well done Extended BASIC version of this popular game which was submitted by one of our French members. Great graphics.   |
| 1391 | TI-BOOM (Ex)<br>A game with 3 levels of difficulty with good graphics and action. The red devil drops his bombs helter-skelter. You must catch them all in your movable basket!  | 1408 | DEFENSE (Ba, Js)<br>Blast those aliens before they get the chance to land. quite a nice and challenging game.   |
| 1392 | KIDNAPPED (Ex, Mem, DO)<br>A great addition to the library of adventure games. You will wander for hours through this entrancing game.   | 1409 | THE CONFLICT (Ex)<br>A fascinating game with two levels of play. Very good graphics and action will make this a good addition to your game library.   |
| 1393 | TRUCKER (Js)<br>This one will keep you on the move. Your object is to smash as many trucks as possible within a time limit. There are 3 levels of difficulty and a choice of day or night driving.   | 1410 | SPACE DUST (Ex, Js)<br>A very tricky 2 player game like a space game of tag. For this you must have superb coordination and, of course, that's you!   |
| 1394 | D&D CHARACTER CREATION<br>Not really a game but a useful utility for players of Dungeons & Dragons. It is used for creating new characters. Handles up to 20 new characters at one run. Even the "Saving throws" can be listed.  | 1411 | STARSHIP (Ex)<br>A "command control" text game mixed with graphics. Since you cannot see your target, your mind will have to work as your eyes.   |
| 1395 | JACKASS DERBY (Ex)<br>A 2 player game with good graphics, good action and great fun. How good are you at getting a stubborn mule to move? Try this one!  | 1412 | LUCKY YOU 99/4A Only<br>You can play against a friend or the computer in this match the blocks game. A very well done program that will test your memory.   |
| 1396 | SUB-SEARCH (Ex)<br>A fast action game that is very well done. You must drop depth charges with good timing to get those "random" subs without getting sunk. Sharpen your wits!   | 1413 | POTSHOT (Ba, Js)<br>This game is interesting if quite slow. It is very good, however, for "learning" a sense of trajectory and ballistics since the "bombs" are moved by actual application of the laws of physics. |
| 1397 | KABOOM (Ex)<br>Catch those falling bombs or KABOOM. Five skill levels add interest and increase the challenge. Limited graphics but still fun.   | 1414 | LEAPFROGGER (Ex, Js)<br>Great graphics in this "Frogger" type game. Get to the other side or SPLAT!!!   |
| 1398 | MICROJAWS (Ex)<br>NINE levels of difficulty will keep you interested as you try to catch all those itty-bitsy fish swimming all around. Well done.   | 1415 | THE PROSPECTOR (Js)<br>Move around the field and find that hidden gold. Your Detector will change tones to guide you. But watchout for those quicksand traps!   |
| 1399 | UP/SCOPE (Ex)<br>This is a "sight 'em and sink 'em" game with an excellent layout of graphics and sound effects. Should promise much enjoyment.  | 1416 | ASTROBATTLE (Ex, Js)<br>A game for the game programmer. Now it may seem a bit dull but with a little work it could be another winner. A two player game with potential for improvement.                             |
| 1400 | THE GNASHER 99/4A Only<br>Find the happy faces on the gameboard but watch out that you do not pick a square with a lurking gnasher. Those teeth are sharp. This game is simple enough for tiny tots to play but not boring.  | 1417 | HALLWAYS (Ex)<br>It is most fascinating the way this adventure game creates three dimensional effects for you as you wander through the maze of hallways. The graphics add much to the enjoyment.                   |
| 1401 | BIRDSTORM (Ex)<br>An excellent game of skill with seven different screens to fascinate you. Fly through the bird flock without hitting any but remember you can't fly over the barn!!  | 1418 | PYRAMID<br>A text only adventure game that challenges you to find your way out of the mysterious pyramid with all those THINGS lurking about.   |
| 1402 | THE TOWER OF HANOI<br>A computer version of this centuries old puzzle. You must move up to 7 disks from 1 stake to another without putting a larger one on top of a smaller. AND if it's too much for your brain the program will even show you the solution.                  | 1419 | SWEETSPOT (Ex, Js)<br>Get your target in the center of your sights and fire. Quickly! There is a time limit so you can't delay!   |
| 1403 | THE APPLE TREE (Ba, Js)<br>Tired of violence and shooting? Well here you are. As the ripe apples fall from the tree, you scurry back and forth to catch them. oh, we forgot to mention the crow!!! A bit slow but has good graphics and will be great fun for the little ones. | 1420 | SKI WEEKEND<br>A text only game with a difference. It actually teaches you how to make sound decisions. You must earn \$160.00 during 7 weeks and choose the right jobs despite many setbacks.                      |
| 1404 | PINOCHLE PARTNER (Ex)<br>A scorekeeper for up to 4 players. This is for the serious pinochle player and is quite professionally done.  | 1421 | APOLLO LANDER<br>A text only game in which you must maneuver your space craft to make a safe landing on the moon.   |
|      |  | 1422 | TASK FORCE<br>A text only game in which you must give instructions to your task force to overcome the enemy.  |
|      |  | 1423 | BOXING MATCH<br>A text only game of a boxing match. This is quite realistically done.   |



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| <p>1424 ALIEN BUSTER (Ex)<br/>This is a game similar to "Breakout". It has good action and quite interesting graphics. It is nicely done to maintain player interest.</p> <p>1425 CAVE ADVENTURE<br/>A text only adventure game which should occupy your off hours as you wander through the labyrinthine cave.</p> <p>1426 JOUSTING<br/>A text only game that will send you back to the time of knights and chivalry. Bone up on the rules of the tournament and the joust!</p> <p>1427 METEOR RAIN (Ex, Js)<br/>A short game with good action and good graphics. Defend your land from the destructive meteors that are falling all around.</p> <p>1428 SPACE FLIGHT SIMULATOR (Ex)<br/>This is much more than a game. It is a very complex and rather realistic orbitor rocket simulator. You really have to have a sound background in flight to appreciate this one.</p> <p>1429 STARGATE MISSION (Ba)<br/>Interesting graphics help make it more interesting as you must move across a space grid to enter the stargate safely, all the while maneuvering past the space mines before time runs out. Different levels of play.</p> <p>1430 WORD DICE (Ex, SS)<br/>You play with dice that have letters instead of numbers and use these to make words. You have a time limit and the more points you get the better you are. The graphics are very interesting and the Speech really enhances this game.</p> <p>1431 ART AUCTION<br/>A text only game places you at an art auction. Bid wisely against other buyers. Then you have a chance to resell and make a handsome profit. Good to teach children a sense of "monetary proportions".</p> <p>1432 FARMER JOHN<br/>A text only game that is also a teaching tool on how to make decisions appropriate to situations beyond our control. The player must use common sense to determine many factors that are real to the farmer.</p> <p>1433 WORLD WAR I<br/>A text only strategy game of great complexity and diversity. You will need good concentration and memory to win at this one.</p> <p>1434 NEW BLACKJACK (Ex, Mem, DO, SS)<br/>This all-new Blackjack game has it all with lots of Speech comments that make you forget it's not really human. One or two players.</p> <p>1435 WORD-A-GRAM (Ex, Pr)<br/>This is an Extended BASIC version of #1053 that allows you to print out word puzzles for all ages. It should be a great reinforcement tool for teachers in spelling. Very well done and it doesn't hurt to learn while just "playing".</p> <p>1436 LOST DUTCHMAN'S GOLD (Ex, Mem, DO) List not available<br/>This text only game can take you so long to play that it has provisions for storing the game so that you can take up where you left off. This shaggy adventure takes you up into "them thar hills" in search of gold. A very complex, intriguing and novel adventure!</p> <p>1437 THE MAZE OF VERSAILLES (Ba)<br/>This delightful game comes to us from a member in Switzerland. You are in the maze of the garden of Versailles and must get to King Louis before time runs out. Excellent graphics and action!</p> <p>1438 BACKGAMMON XB (Ex, SS)<br/>This is an entirely new Backgammon game that uses Extended BASIC and Speech. Two people can play or one can play against the computer. Has interesting graphics presentation of the board.</p> | <p>1439 JAWS (Ex, Js(optional))<br/>Another good name for this one might be "Bruce's brother". It has good action with professional game quality graphics. You have to get those fish (and on occasional diver) but watch out for killer sponges and those nasty octopus appearances. If Jaws dies it sure happens in full living color!</p> <p>1440 SPACE MONSTERS (Ex, Js)<br/>This one will keep you hopping. It has six kinds of monsters to fight off. The game advances through 4 levels of three skills on each level so if you're really good you get to see that last screen.</p> <p>1441 ASSIGNMENT 46 (Ex)<br/>Although this is a text only game it is fascinating. You will soon forget the need for screen displays as you weave your way through this space adventure.</p> <p>1442 JUMPING BEAN (Ba, Js)<br/>This delightfully simple game is lots of fun for all ages. You must tell Mr. Jumping Bean how high to jump so he can catch his food. All the while the computer keeps trying to outwit you.</p> <p>1443 DUNK (Ba, TE II, SS)<br/>Wonderful graphics make this "less final" version of Hangman refreshing and fun. This time you don't end up hanged....just dunked in the water tank. It's so cute you just might want to get dunked.</p> <p>1444 DEATHBALL (Js)<br/>All you have to do is wipe out that demon with a little ball that you move around with your joysticks. That's all you have to do, so it should be SOOOO easy for everyone!!!</p> <p>1445 MONEYMAN (Ex)<br/>There are games that are fun; there are games that are challenging; there are games that are frustrating; there are games that are cute; there are games that are exhilarating with the anxiety they create; and, there are games with great graphics. AND THEN THERE IS MONEYMAN! Hours of playing this game for "testing" never lets us get to that final screen. It just gets more challenging as it goes and since the computer decides when you get a ladder on a random basis, you don't get much help. You must keep avoiding the rolling balls (which will increase in NUMBER as well as speed) and when the computer gives you a ladder, climb to the next level, etc. If you get to the top you earn a bonus. That's all we will say!!!!!!</p> <p>1446 CORRAL<br/>An almost text-only game with limited graphics. You have to catch that wild bronco before your time is up. Rather interestingly done.</p> <p>1447 THE HUNTER (Ex, Js)<br/>Another winner for outstanding graphics and action. There you are in the woods and you hunt rabbits, ducks and deer. So what if they move in such unpredictable ways. Is that an excuse for missing???</p> <p>1448 COOTIE XB (Ex, SS)<br/>This is an upgraded version of the ever popular #1183, Cootie. If you have Extended Basic you'll enjoy this version too.</p> <p>1449 CHOMP (Ex, Js)<br/>This is a multiscreen game with very good action. Just keep avoiding those Chompers and you'll get along just fine! It's quite a challenge.</p> <p>1450 PALEOLITHIC HUNTER (Ex)<br/>The graphics in this game are fascinatingly different and unique. You must move from camp to camp in search of food and hunt it down. Each time you are given a choice of weapons. And all good stone-age hunters know exactly which one to choose.</p> <p>1451 NIMBLE STICKS (Ba)<br/>This is a nice computer challenge game that is a cross between pick-up-sticks and Nim. Great for all ages and sure to give hours of fun.</p> |
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| 1453 | MONSTER CHASE III (Js)<br>This is a version of program #1162 which has been modified for use with joysticks.   | 1469 | LEFT/RIGHT (Ba)<br>Did you ever tell anyone that they didn't know their left from their right? Here's the program to prove it. Fascinating and deceptively simple. All you have to do is decide "LEFT" or "RIGHT"!   |
| 1454 | TOWER OF BABEL<br>This is not a game in the strict sense but it is so much fun it may as well be. The program will translate any message into your choice of any of the following languages: Pig Latin, Jabberish, Drawkab Hsilgne or Centaurean (to speak to E.T.'s).   | 1470 | HOCKEY<br>A text-only game that really gets you involved in the action. Written by one of our Canadian friends and they ought to know!   |
| 1455 | THE DRUNKEN SAILOR<br>Another of those "simple" games. A sailor has drunk too much and your job is to guide him safely back aboard his ship. The only problem is that the keyboard becomes a reflection of his fuzzy mind!   | 1471 | MEMORY JOGGER (Ex)<br>This text-only game doesn't need more. From several categories you may choose how you want to test your memory then find out just how good it really is. Great fun for everyone.   |
| 1456 | AIM<br>Another great fast action game from a member in West Germany. It has good graphics and speed. This is an extremely challenging game that requires great skill in hand to eye coordination and rapid response. You are guarding a space station and you must maneuver your ship fast enough to destroy the meteor that comes from nowhere! | 1472 | HORSERACE (Ba)<br>An excellent and accurate graphic presentation of a horserace complete with music. You have seven horses to bet on and root for.   |
| 1457 | FIRE ALERT (Ex)<br>A random speed parachuting bomb is falling to Earth and your job is to destroy it before it lands. You have one problem though, your laser is very limited in its range so you can only fire when the bomb is quite close!  | 1473 | BASKETBALL<br>A text-only game that is still quite fascinating to play. All the action is still there.   |
| 1458 | MAWARI (Ex)<br>Play against the computer in this mind-challenger. Random pawns are placed in piles and you must choose the proper ones to move in order to win. If you like chess or Othello this is the game for you.   | 1474 | KAKTUS KILL (Ex, Js)<br>The mad scientist, Dr. Zez, has turned cacti into mobile killers. It's up to you to zap them without getting hit or being attacked by Dr. Zez himself. There are different levels of difficulty and time limits set on each round. Interesting with good graphics.   |
| 1460 | FIREFLIGHT (Ex, Js)<br>The theme may be familiar -- rescue some stranded people from the top of a burning building by helicopter. The challenge comes when your ultra fast responses must handle a helicopter with a mind of its own!  | 1475 | INDY 99 (Ex, Js(optional))<br>This game is FAST and seems impossible to beat. It has very good graphics and is very challenging. Try your response aptitude!   |
| 1461 | MADLIB II<br>Like Madlib I this gives you a hilarious test to read based on the nouns, adjectives, etc. that you supply. This time the program generates a report card.  | 1476 | RACING (Ex, Js)<br>Another fast and hard to beat game. You may set your track length to see how far you can go before you get clobbered. Excellent graphics will add to the thrill.  |
| 1462 | BASIC POKER<br>Play poker now by computer with the very well done program. It has good graphics and is lots of fun.  | 1477 | ALLEY CRAPS<br>A well-done version of a craps game with very good graphics. Although, we don't know how the "Alley" version differs, we found it great fun.  |
| 1463 | CHUCK-A-LUCK<br>Chuck-a-luck, the dice game for high rollers with lots of money to throw away. Now make the TI 99/4(A) your casino so you can save money for something else.   | 1478 | TORTOISE & HARE (Ba)<br>This is a great game for the tiny tots. Uncomplicated but very entertaining and relaxing.  |
| 1464 | CALIFORNIA FREEWAY (Ex, Js)<br>How is this game different from other "Freeway games"? How about 24 LANES for starters. Excellent graphics, very challenging.   | 1479 | SCREAMING SERPENT<br>This appears to be a rather simple game at the start but things change rapidly as you show your prowess. Simple graphics give you three snakes growing toward you. You have to keep shooting segments off to keep them away. If you succeed you start with four of them and in each round the distance between you grows shorter. |
| 1465 | NORTH SEA ACTION (Ex)<br>You must guard the shipping lanes from the multitude of marauders plaguing your harbor. Destroy them all and you get more that move even faster! Excellent graphics and presentation. You need a good sense of space and distance for this one.   | 1480 | BLIND MAZE (Ba)<br>What could be easier? Just find your way out of a maze that you can't see. The program is kind enough to let you give up and then turn the lights on for you!   |
| 1466 | REGATTA (Ex, Js)<br>This will drive you bananas. It's a two player game in which you sail in a race around three markers. The wind keeps changing to make it more interesting. This will really teach you good sailing techniques while you play. You can choose how often the wind will change and alter the difficulty level. A great program. | 1481 | ROADRAT (Ex, Js)<br>Similar in concept to "Chicken", this presents quite a challenge to the best. Help the blind rat across the freeway to his cheese. For every successful run you are rewarded with more cars at ever increasing speeds. Can YOU keep up with the pace?  |
| 1467 | TURTLERACES (Ex)<br>This is a non-participatory game with excellent graphics and layout. Great for little ones. The turtles race and each "player" picks his or her favorite. Then all they do is the cheering!  | 1482 | SPACE SCOUT-JST<br>This is a joystick version of program #1138. It was also cleaned up a bit so it takes up less memory and runs a bit faster.   |
| 1468 | CRYPTOQUOTE<br>Do you like crosswords, anagrams, acrostics, and the like? Well here you go with this fascinating program. You must decode some famous sayings. The code is randomly generated to keep it interesting. Excellent presentation and layout.   | 1483 | U.F.O. (Ex, Js)<br>Rather simple graphics will fool you. On your space journey, you are attacked by alien ships. You can only shoot at angles, however so you need a good sense of timing. If you shoot them all, they reappear and do a kamikaze dive at you all at once. Only a hairtrigger response on the joysticks can save you.                  |



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1484+	THE CATACOMBS (Ba, DO), Listing not available A professional level game of the "Dungeons & Dragons" genre. The program comes with 4 data files to construct the many levels of required mazes, define characters, etc. Extremely well done to provide you with many hours of adventure entertainment while stimulating your mind.	1499	GOLDDIGGER (Ba) You and your opponent race to tunnel for the gold deposits but you cannot see the dangerous tarpools waiting to trap you. Great fun and action on this game. Should be enjoyed by all ages.
1484/1	CATACOMB PLOTTER (Ba, DO), Listing not available This program cannot be used alone. It is used to change the 4 data files for #1484+ to create entirely new games of the catacombs.	1501	WHEEL OF FORTUNE 99/4A only, (Ex) This game allows multiple players to have fun betting on the Wheel of Fortune. A very nicely done program with good graphics and sound.
1485	BLOCK SWAP (Js, optional) Like mindtwisters like the Rubik's Cube? Well here's a new one for you. You must move characters around to get them all back in proper order in the least number of moves. There are 9 levels of difficulty to keep it even more interesting. Very well done.	1502	CHARS D'ASSAUT (Ba, Js) This is a rather grandiose version of TANK which is all in French which means that even the directions are in French. It is very versatile and allows you to customize your terrain or create new ones and even save them on tape for future recall. It's good enough to warrant your learning French!
1486	SHUFFLESQUARE (Ex, Js(optional)) When you graduate from #1485 this one is waiting for you to make life even more complicated. This is a more difficult variation of #1485 for the more courageous and strong-minded! Peace of mind is NOT guaranteed!	1503	LANDER III (Ex, Js) A very well written version of this popular game. Has very good graphics and is most enjoyable.
1487	HANOI TOWERS (Ex, SS) A nicely written program variation of the Towers of Hanoi puzzle. Interestingly presented graphics make for enjoyment while you crack you head.	1504	SNAFU (Ex, Js) Quite cleverly done and novel. This is a two player game in which you and your opponent both try to "paint" each other into a corner. But make sure you don't paint yourself into the corner!
1488	WORDFINDER (Ex, SS) This is not really a game but really something fascinating to watch. You can see just how smart your computer is. You create a grid of words like a crossword puzzle and then challenge the computer to find them. It does it every time!	1505	BOGGLER (Ba, Js) This is an interesting game of skill in which you must capture 5 rows of your opponents pebbles to win. It seems easy but really requires quite a bit of calculating strategy.
1489	FROGSPLAT (Ex, Js) A new member of the "Frogger" family that will delight all. Made to be particularly difficult so the "pro's" won't be bored. Very well done with wonderful graphics.	1506	PEGJUMP 99/4A only, (Ex) This is a wonderfully written computer version of the old pegjump boards everyone knows. Just keep jumping pegs and removing the jumped ones until there are no more left on the board. HAHA! Excellent graphic presentation.
1490	GALAXY (Ex, Js) Superb graphics make up for the lack of super speed in this game. Aliens traveling in ships with quite eccentric motion must be brought into your crosshairs to fire upon. Quite challenging.	1507	TUNNEL VISION Absolutely fantastic graphics. You are in a maze and must find your way out. And you SEE your position as if you actually were in the maze - all in 3D. As you walk along the tunnels you SEE the openings and directions ahead of you. Several options are available to make it more and more difficult. A MUST!
1491	BINGO Very well done presentation and an unusual way to use the 99/4A. The computer will create up to 6 different Bingo cards for the players and then call the numbers. Fun for all.	1508	SCAVENGER HUNT (Ex) Beautiful graphics make this interesting board game all the more enjoyable. Travel around the board and within a given time limit you must find all the objects with your detector. Great for all age groups.
1492	SIDEWAY SLOPE (Ex, Js) Nice graphics and slick screen presentation enhance this ski game. You choose the time of the run and off you go. But watch out for all those rocks and trees.	1509	MUNCH-MITE A rather simple game with great appeal. Two levels of difficulty make it more challenging. You are a termite and all you have to do is eat your way through the length of a board without hitting any knots. It's not that easy!
1493	CHARADES A rather novel use of the computer. The computers chooses the category and title for each team and then starts the stopwatch for the players. Very nicely done program. Data statements are used so you can change titles, etc. at any time.	1510	CONCENTRATION II (Ex, Js) Three levels of difficulty here to challenge you. You can play against the computer of a friend. Just remember where everything is and match up the items. Excellent graphics and music.
1494	SOLITAIRE (Ex) High resolution graphics with fine detail and a marvelous screen presentation make for a superb game. Now you can play solitaire and let your computer do the work of moving the cards. One drawback, however, it won't let you peek and it keeps you honest!	1511	MR. KROAKER (Ex, Js, SS) Absolutely delightful graphics and concept. You are a bullfrog sitting on a lily pad trying to catch butterflies as you leap. Of course nothing is as simple as it seems. If you are not careful you might not land back on the pad so you lose time. Program even provides for use with a B/W TV set. Get it now!
1495	SUPER AWARI (Ex) A super version of this popular game. You play against the computer so you have to be sharp to win. Those who like this type of skill game will find it fascinating and challenging.	1512	MAGIC SQUARES (Ex, Js(optional)) Remember those little plastic trays with numbered tiles in them that you played with by putting the numbers in order? Well, here is the computer version. The computer will give you from 10 to 500 "scrambles" to increase the difficulty. Two versions are provided; the one mentioned and the second in which you must line up the numbers so they all have the same total in each row.
1498	SCUBA (Ex, Js) Excellent graphics and action. You must dive to the bottom to retrieve 3 gold bars and bring them back up to the transporter which will then move you on to the next screen. Of course, you have to watch out for sharks, the octopus, giant hooks so you can stay healthy. And then there is that unpredictable orange fish!!		



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## GAMES

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 TO.....Tape only  
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| 1513 | <p>RESCUE MISSION** (Ex, Js)<br/>           Great graphics and a real challenge. You must travel from planet to planet picking up colonists and returning them to the mother ship. While you do so robotoid bombs kamikaze at you and you must avoid and destroy the.</p> <p>***THIS IS A NON-PROPRIETARY PROGRAM DONATED TO THE USERS' GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> | 1518 | <p>EAGLE I<br/>           If you liked Parsec you will love this one. Very fast action with three kinds of attackers coming at you. You will not tire of this one too readily. Great coordination and rapid response are needed if you hope to win.</p>  |
| 1514 | <p>TEXAS TRUCKER** (Ex, Js)<br/>           You are a truck driver going through Texas trying to make a safe delivery. Watch out for potholes, armadillos, and all the other hazards. There are 99 levels of play! Very challenging.</p> <p>***THIS IS A NON-PROPRIETARY PROGRAM DONATED TO THE USERS' GROUP LIBRARY BY TEXAS INSTRUMENTS.</p>                                   | 1519 | <p>BLACKBOX XB<br/>           A very well done version of this intriguing game. Sharp reasoning ability is paramount in this mind "puzzle". Great graphics and presentation. Should give hours of frustrating fun.</p>   |
| 1515 | <p>IN THE RUNNING<br/>           This is a text only game in which you attempt to run for president and use all of your skill to gain votes and do political maneuvers to win. A good way to learn how politicians "think" and deal.</p>  | 1520 | <p>AIR WAR<br/>           This is an accompaniment to a game called Air War (it is unknown to us). It is used to define and create the playing pieces for the game. It is useless unless you have Air War. NOTE: Air War is NOT a Users' Group Library game and it's source is unknown.</p>  |
| 1516 | <p>ELECTRON (Ex)<br/>           This is a wonderful way to learn the basics of electrophysics while playing a game with up to four players. Based on the charge on a particle you must project a course for your beam to avoid the effects of negative and positive particles in your path.</p>   | 1521 | <p>OTHELLO XB<br/>           Extended BASIC increases the speed of the game and makes life more interesting. If you now have Extended BASIC, it is will worth it to get this version.</p>  |
| 1517 | <p>L GAME XB (Ex)<br/>           This is a very polished and well presented Extended Basic version of the L Game. Excellent graphics and layout increase interest in while you try to outwit the computer in this mindcracker!</p>  | 1522 | <p>KWAI BRIDGE<br/>           A fun game with great graphics that can be a great learning tool for the young. You must use your intuition to build a bridge over the river Kwai with a limited amount of materials. When you finish the computer drives trucks across it to see just how sound and strong you have made it. If you are a poor builder --- CRASH!</p> |

## GRAPHICS & DEMOS

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| 2100 | <p>BASIC DEMO (Ba)<br/>           TI's annual report with vivid graphics. You'll learn a lot from this program.</p>                              | 2116 | <p>LOVE (Pr)<br/>           Robert Indiana's art work in poster form. A great translation job.</p>   |
| 2101 | <p>CHRISTMAS<br/>           Santa and his reindeer with a snow scene.</p>  | 2117 | <p>MULTI-MAZE<br/>           Changing colors and lines appear on your screen.</p>  |
| 2103 | <p>FLAG<br/>           A brilliant American flag with some patriotic music.</p>  | 2118 | <p>SINE-WAVE (Ba)<br/>           This abstract art program will do things on your screen you won't believe.</p>  |
| 2104 | <p>HAUNTED HOUSE (Ba)<br/>           Witches and flying pumpkins come from the Haunted House.</p>  | 2119 | <p>COLORBURST<br/>           Over 500 million combinations of colorful patterns that will bring hours of enjoyment to your 99/4 usage.</p>   |
| 2105 | <p>KALEIDOSCOPE (Ba)<br/>           Creates a kaleidoscope of color on your screen.</p>  | 2120 | <p>BUNNY (Pr)<br/>           This program prints a pattern of the famous Playboy Bunny.</p>  |
| 2106 | <p>JOB COST (Ba)<br/>           This is an excellent program to learn from. You build a fence and the program gives you the cost.</p>            | 2121 | <p>PATTERNS<br/>           Print on the screen your choice of vertical lines, horizontal lines, crossing lines, dots, or several screen colors.</p>  |
| 2107 | <p>SNOOPY (Ba)<br/>           A real favorite with the children. This program draws a picture of Snoopy on the screen and then plays a tune.</p> | 2122 | <p>PLAYING CARDS (Ba)<br/>           Depicts all of the regulation playing cards in a deck.</p>  |
| 2108 | <p>SPEECH DEMO (Ba, SS, SE)<br/>           In this one, the TV and the screen argue as to who is the most important.</p>                         | 2126 | <p>VISIONS (Ba)<br/>           Watch as your screen changes patterns for forty minutes. A very interesting program.</p>  |
| 2109 | <p>SEAHORSE (Ba)<br/>           A beautiful depiction of a seahorse and a great job of graphic programming.</p>                                  | 2127 | <p>OHIO<br/>           The Ohio State Flag. A beautiful depiction of this flag.</p>  |
| 2110 | <p>PINK PANTHER (Ba)<br/>           As several Pink Panthers appear on your screen the theme music will play.</p>                                | 2128 | <p>INDIANA (Ba)<br/>           Indiana's star filled flag as programmed by one of our owners in the Hoosier state.</p>   |
| 2112 | <p>FAST/SHIP (Ba)<br/>           Klingons destroy the Enterprise, then escape in this short but efficient program.</p>                           | 2129 | <p>TEXAS #1<br/>           Texas State Flag!!</p>  |
| 2113 | <p>SNOOPY CHRISTMAS (Ba)<br/>           The children will love Snoopy and his Christmas tree.</p>  | 2131 | <p>ARITHMAGRAPHS<br/>           A very unusual program submitted by our English Users-Group. From various graphs displayed on the screen you must enter the arithmetic answer. A real mindbender!!</p> |
| 2114 | <p>VALENTINE<br/>           A valentine message for your sweetheart.</p>   |      |  |
| 2115 | <p>STARS (Ba)<br/>           Fills the screen with a myriad of stars. A mood program that is fun to watch.</p>                                   |      |  |



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| <p>2132 COLOUR (Ba)<br/>         Another program from our friends across the Atlantic. The program generates a screen full of random colors and sounds.</p> <p>2133 HALLOWEEN (Ex)<br/>         Watch as spirits of witches, pumpkins, black cats, bats, and other scary things fill your screen.</p> <p>2135 LOWER CASE LETTERS<br/>         Display up to 14 large lower case letters on the screen. Can be used as a subprogram.</p> <p>2136 MAZE-MAKER<br/>         This program allows you to make your own mazes. You can define both color of screen and color of walls.</p> <p>2137 PRINTED MAZES (Pr)<br/>         Make your own printed mazes using an RS232 compatible printer. Select the size you want up to 21 X 21. Computer randomly generates a different maze each time.</p> <p>2139 COLOR CRAYON (Ba, DO)<br/>         This program allows you to draw designs on the screen which you can save on disk. Very colorful.</p> <p>2140 VERY LARGE LETTERS<br/>         You can display up to ten very large characters in two rows of five each. A good program for teaching preschool children complete words.</p> <p>2141 SAFETY (Ba)<br/>         This excellent program graphically depicts hazards one might encounter in a plant. A must for all.</p> <p>2142 COLOR COMBINATION DISPLAY<br/>         This program will help you realize the true elasticity of TI graphics by showing you how to achieve various colors.</p> <p>2143 SNOOPY #2 (Ba, TO)<br/>         Snoopy at the dog house with his friend Woodstock.</p> <p>2145 SIGNS<br/>         Although there are a few bugs in this program, any experienced programmer can work it out, and it is still worth listing. Print your own signs using either a thermal or RS232 type printer.</p> <p>2146 KALEIDOSCOPE II (Ba)<br/>         An all new program with ever changing colors and patterns. A truly beautiful program. You'll like this one.</p> <p>2148 TICKER-TAPE (Ba)<br/>         A slow but interesting program that places your messages in Ticker Tape style on the screen.</p> <p>2149 DIAMONDS<br/>         Ever-changing shapes and colors fill your screen.</p> <p>2150 TITLE SCREEN (Ba)<br/>         A BASIC reproduction of the Home Computer's Title Screen. VERY INTERESTING.</p> <p>2151 DANIEL (Ex, SS)<br/>         Graphics and reading from the Book of Daniel. An excellent program written as a "demo" for the missionary work of the Mormon Church.</p> <p>2152 MEMORY-MAZE (TO, Js)<br/>         An excellent maze game and one that is not easy to beat. Very good programming!!</p> <p>2153 CALENDAR (Ex, Pr)<br/>         Designed to work with EPSON MX-80. This program will print a calendar for any year 1981 to 2000.</p> <p>2154 INKBLOT (Ex, Pr)<br/>         This program prints random patterns on a printer like a Psychiatrist's Inkblot. A very interesting program.</p> <p>2155 CHRISTMAS SCREEN (Ex)<br/>         A great indoor Christmas Scene with tree, fireplace, presents and toys. Very nice graphics.</p> <p>2156 FREQUENCY TEST<br/>         Program plays up to 100 notes in ascending frequency to test your highest hearing level.</p> <p>2157 RANDOM CHARACTER GENERATOR<br/>         Fills the screen with a random character, then gives you the 16 digit color code. Useful in graphic programming.</p> <p>2158 SPRITE DEMO (Ex)<br/>         Of several dozen sprite demos we have received, this one is by far the BEST. If you have friends who own other personal computers, show them this and GLOAT.</p> | <p>2159 MOTHER GOOSE (SS, TE-II)<br/>         The best children's program we have!! Listen as an animated Rocky Robot recites Mother Goose nursery rhymes. EXCELLENT!!</p> <p>2160 3 SCREEN DEMO (Ba)<br/>         Three separate screens that demonstrate the graphics capabilities of the 99/4 in BASIC.</p> <p>2161 ROBOT JOKES (SS, TE-II)<br/>         Our old friend Rocky Robot is back, and this time he is telling some of his robot jokes. This program by Sam Moore is hilarious, and can be enjoyed by the entire family.</p> <p>2163 MIRRORS<br/>         Watch as colored lines present a mirrored effect on your screen.</p> <p>2164 TP BARGRAPH (Ex)<br/>         Using this program, you are able to creat depictive bargraph printouts using the TI Thermal Printer.</p> <p>2165 STARFIELD<br/>         This program is primarily designed as a programming aid, although it will run on its own. The program can be used as a screen background for 'space games.' It will run in BASIC or Extended BASIC; Ex. BASIC adds some motion to the background.</p> <p>2166 SPEECH GENERATION (SS, TE-II)<br/>         This program allows five different functions when used with the TE II. It allows you to try three test phrases, decode and display all allophones in a phrase, enter alphon by alphon, alphon data statement reader program, and singing.</p> <p>2167 CABOOSE (SS, TE-II)<br/>         Tells the story of the little red caboose, and displays train, words, and Rocky Robot is the story teller.</p> <p>2168 KWIK-DRAW (Ex, Js)<br/>         Create multi-colored abstract designs. A little short on instructions, but great fun when you get the hang of it. Similar to the TI Command Module Video Graphs, this program is designed to run on the 99/4A only.</p> <p>2169 KALEIDOSCOPE (Ba)<br/>         This program produces brightly colored kaleidoscope patterns. A nice mood program. This program differs from other kaleidoscope programs listed.</p> <p>2171 SPRITE BUILDER (Ex, DO), Listing not available<br/>         A marvelous program for building sprites easily and saving up to 100 of them in its data file. Can be recalled by number and changed. An excellent job of programming!</p> <p>2172 PATTERNS (Ex)<br/>         You will be mesmerized by the constantly changing patterns. Might be described as "eye candy."</p> <p>2174 SCORPIO'S CASTLE (Ba)<br/>         A fantastic delight for all, this is a picture storybook of a charming fairy tale. Text is on the screen mixed with excellent full screen graphics. The little ones will be captivated.</p> <p>2175 EASEL 99/4 Only, (Ba, Js)<br/>         An excellent graphics design program for use in developing material for your own programs.</p> <p>2177 TI MARQUEE (Ba)<br/>         With this program you can create different colored marquees with large customized letters on the screen. Can be adapted to use for making your own title screens in your programs.</p> <p>2178/D GRAPHICS DESIGNER 99/4 Only, (Ex, DO)<br/>         Listing not available<br/>         A fantastic program for game program writers. Has its own data file to store your special characters. You then can work with them to build a graphics screen for use in other programs. This is a real timesaver and a bargain.</p> <p>2179 NIGHT BEFORE CHRISTMAS (SS, TE-II)<br/>         A beautiful presentation of speech in the recitation of this old Christmas favorite. You can read it on screen and little ones can hear it told to them.</p> <p>2180 COLOR CRAYON II (Ex, DO), Listing not available<br/>         A great new version of this favorite. Now has optional speech. If you have a disk drive and EX. BASIC you should try it! Comes with 2180/D, its own data file of pre-made drawings.</p> |
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| <p>2181 SPRITEDEMO (Ex, SS)<br/>           A great demonstration of the power and versatility of the 99/4A. In addition to the sprite display it has music. You can learn some great graphics programming tricks with this program.</p> <p>2183 ENTROPHY<br/>           A good graphics demonstrator of the principle of entropy. Good programming tricks can be learned with this one.</p> <p>2186 DRAW 'n COLOR<br/>           With this program you can draw block graphics pictures on the screen and change things as often as you want.</p> <p>2187 GAME DEMO I<br/>           A stunning demonstration of the power and versatility of the 99/4A's graphics. Great to use to create a game. A Beautiful demo that can be made into a game simply by adding the action and scoring. A wonderful job.</p> <p>2188 CHUG-CHUG<br/>           Another astounding graphics "demo" of a train chugging along, replete with sounds and animation. Could be used in many other applications. Fascinating to watch!</p> <p>2189 GLOBE<br/>           A hi-resolution bit graphics presentation of the world globe in a Mercator-like projection. Truly fine detailing.</p> <p>2190 DOODLES<br/>           Your doodlebug will draw all sorts of designs and shapes for you. Great for children on those rainy days.</p> <p>2191 COLORDRAW (Ex, Js)<br/>           A simple version of Color Crayon that will give hours of pleasure and relaxing enjoyment at the console.</p> <p>2192 SPACE SHUTTLE (Ba)<br/>           This program utilizes the fantastic graphics capabilities of the 99/4A to make high resolution line drawings of the space shuttle from several views. It then gives you all the pertinent data.</p> | <p>2193 MAGIC PENCIL 99/4A Only, (Ba)<br/>           This program is like a hi-res color crayon. You can make multicolor LINE drawings on the screen. It even has some built-in samples of 3-D line drawings. A good partner to color crayon.</p> <p>2194 CHARACTER DESIGNER (TO)<br/>           With this program you can design four characters at one time to see how they will make enlarged characters or magnified sprites. You can save your work on cassette for later use in other programs.</p> <p>2195 FLAGS OF EUROPE (Ex)<br/>           A great program producing the flags of many European countries in sequence. A great learning tool with visual pleasure.</p> <p>2196 THE NAME DROPPER (Ex)<br/>           A most useful graphics utility program. With it you can create attention getting screens that place any word or phrase in random places on the screen with your choice of colors. Easy to add to other programs.</p> <p>2197 HI-RES PLOTTER<br/>           A great program you can use to create high resolution plots. This is a very well done program.</p> <p>2198 NEW YORK FANTASY (Ba)<br/>           An unusual program of computer abstract graphics that takes you through the Big Apple. Fascinating to watch!</p> <p>2199 QUICKISPRITE (Ex)<br/>           This is a sort of "scratchpad" to work on developing four characters in one block for sprites. As you create, the hex codes are generated on the screen for you.</p> <p>2200 SPRITE WORKSHEET (Ex, Pr(optional))<br/>           This is a much more thorough program than #2199. You can create sprites on the worksheet and keep changing the magnification factors at any time to see how the shapes will be affected. Your "worksheet" just about fills the screen. An excellent graphics tool.</p> <p>2201 COUNTRY RACING (Ex)<br/>           Beautiful! An animated scene of a horse racing along a country road. As it continues the countryside changes and a realistic "sound track" keeps your interest.</p> |
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## MUSIC

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| <p>3200 GODFATHER<br/>           Theme from the motion picture of the same name. Excellent graphics.</p> <p>3201 STRAUSS<br/>           "Tales From the Vienna Woods" done in a classical fashion.</p> <p>3202 MUSIC DEMO I<br/>           A snappy little tune and a great example of the musical capabilities of the 99/4.</p> <p>3203 BACH #3 MINUET<br/>           Very enjoyable listening.</p> <p>3204 BACH'S MINUET IN B FLAT<br/>           The title tells it all.</p> <p>3205 RHYTHM (Ba)<br/>           A great learning tool with colorful graphics. Guess the position and duration of notes and rests. Up to 10 persons can play.</p> <p>3208 AMERICA THE BEAUTIFUL<br/>           Words and music to this song.</p> <p>3209 BACH<br/>           Bach's Praeludim II. This program allows you to change the beat of this score. An excellent programming effort.</p> <p>3210 M*A*S*H<br/>           The theme song from M*A*S*H.</p> <p>3211 MUSICAL SCALE<br/>           This program sets up a limited keyboard that will display the notes on the screen as you play them.</p> <p>3212 MUSICAL KEY<br/>           Allows the user to create melody and harmony using the keyboard.</p> | <p>3213 THE STING<br/>           Theme song from The Sting. One of our better musical programs.</p> <p>3215 BEWITCHED<br/>           An enchanting musical standard by Rogers &amp; Hart.</p> <p>3216 INTERVALS (Ba, TO)<br/>           High educational value! This musical skill training program teaches the different intervals in a musical scale. Instructions included.</p> <p>3217 MUSIC DEMO #2<br/>           A "Boogie Woogie" tempo, computer original!</p> <p>3218 MUSIC DEMO #3<br/>           A dainty music box type melody!</p> <p>3220 SONG (Ba)<br/>           A simple question by the computer will give you an amusing answer and result.</p> <p>3221 YESTERDAY (Ba, TO), Listing not available<br/>           Paul McCartney's song, Yesterday, with a scenario and words on the screen. A great programming job!</p> <p>3223 NEVER ON SUNDAY<br/>           A fantastic programming job here! A time the entire family will enjoy.</p> <p>3224 THEME FROM DALLAS (TO), Listing not available<br/>           A very well-written rendition of the music from this popular TV drama.</p> <p>3225 FIDDLER ON THE ROOF 99/4, (Ba, TO)<br/>           Listing not available<br/>           Programmed by two N.C. High School students. This melody of tunes is sure to please you.</p> |
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| 3226 | FIDDLER ON THE ROOF (Ba, DO), Listing not available<br>This animated graphic program of the fiddler playing on the roof top contains some of the best graphic and music programming techniques we have seen. An outstanding program. | 3257 | IN THE MILL (Ex)<br>Another of Sam Moore's classical musical renditions. A sheer delight to listen to.  |
| 3228 | PLAYER PIANO<br>Watch as the keys on the piano move in rhythm with two of the Beatles hit songs. And I Love Her/I'll Get You.  | 3258 | *KILLING ME SOFTLY (Ex)<br>An excellent rendition of the Roberta Flack hit of the 70s. Very impressive graphics. Words are included for a sing-a-long.  |
| 3229 | BACH MINI CONCERT (Ba, TO), Listing not available<br>Several of J.S.B's better known works in one program. Many hours of effort and thought went into this program. Minuet in G Minor, Musette in D, and Little Prelude in F.        | 3259 | HARK THE HERALD ANGELS<br>Words and music to this Christmas favorite.   |
| 3230 | INVENTION IN F<br>By allowing the user to get the speed of play and volume, Bach's music becomes all the more interesting.   | 3260 | GUITAR (Ex)<br>Watch the guitarist play his tune in animated graphics.  |
| 3231 | *MUSIC BOX DANCER<br>Another one of Charles Ehninger's master programming accomplishments. Turn your 99/4 into a wonderful music box.  | 3262 | MOONLIGHT (Ex)<br>A great Sam Moore music program. Beethoven's OP 27, No. 2 Sonata Quas; easy listening and GREAT graphic effects.  |
| 3232 | ORGAN<br>This program turns the keys of your console into an organ which will show you the notes you play. Includes C# through D.  | 3263 | *TIME IN A BOTTLE (Ex, DO), Listing not available<br>A haunting melody programmed to PERFECTION. 3-D graphics add a special touch to this wonderfully mellow tune.  |
| 3233 | PENNY LANE<br>The old John Lennon hit, Penny Lane, played by your 99/4.  | 3264 | *AMAZING GRACE (Ex, DO), Listing not available<br>The old country church appears on your 99/4 screen as the ever popular hymn "Amazing Grace" plays in the background.  |
| 3236 | MUSIC MAKER<br>By changing data statements you can produce your own music and watch it projected on a scale. Fun for hours.  | 3265 | YOU LIGHT UP MY LIFE (Ex, DO), Listing not available<br>This smash hit made popular by Debbie Boone can now be played on the 99/4. A SUPERB programming job.  |
| 3237 | STAR TREK<br>A very well written rendition of the theme song from the movie Star Trek.   | 3266 | BUMBLE-BOOGIE<br>This jazzed version of "Flight of the Bumble Bee" is a sheer delight. Great BASIC programming by Sam Moore, Jr.  |
| 3238 | CHRISTMAS MUSIC (Ba, TO)<br>Several of the all-time Christmas songs on one tape. A very good programming job.  | 3267 | STAIRWAY TO HEAVEN<br>A Chuck Lyman program of Led Zeppelin's hit song.   |
| 3239 | ALLEY CAT<br>Another hit song of the 60s.  | 3269 | MORNING (Ex)<br>"Morning Has Broken" plays sweetly while sailboats grace your screen. Seagulls fly unhurriedly in cloud-graced skies, and the sun slowly rises. One of Sam Moore's best.  |
| 3241 | INCREDIBLE HULK (TO), Listing not available  | 3270 | MUSIC TERMS QUIZ<br>The computer will give you a music term and offer several choices for an answer. You must give the proper answer, and the computer will ask another.  |
| 3242 | STAR WARS<br>Excellent theme music from the Star Wars movie!   | 3271 | PRELUDE<br>A very dramatic test of the 99/4's ability to generate beautiful music.  |
| 3243 | 12 DAYS OF CHRISTMAS<br>Words and music to the Twelve Days of Christmas.   | 3272 | *OP-23 (Ex)<br>A snappy little operetta performed on the 99/4 console which will thrill the entire family!!   |
| 3245 | SONATA IN 'C' MAJOR (Ex)<br>Watch as notes fly across staffs on your screen while this snappy tune is playing.   | 3273 | GUITAR TUNER<br>A simple program that will help you tune your guitar to perfection.   |
| 3246 | ALBUM-LEAF (Ex)<br>A great programming job on this Kirchner tune.  | 3274 | MUSIC MAKER (TO)<br>Lets you compose and edit your own musical creations. It will store your masterpieces on tape for later replay. By modifying DIM statements, programs can be used with a disk system. An excellent program that all music lovers should have. |
| 3247 | FOREST ROSES (Ex)<br>Roses, Roses and more Roses dance around the screen as the song Forest Roses plays in the background.   | 3275 | *SOUND GENERATOR<br>Your TI computer is capable of making an almost endless variety of special effect sounds. The purpose of this program is to help you find just the right sound for your special effect.   |
| 3248 | DOG GONE BOOGIE-WOOGIE<br>A boogie-woogie version of "Where, Oh Where Has My Little Dog Gone?" An excellent program.   | 3276 | BOOGIE OOGIE OOGIE (Ex)<br>Another one of Sam Moore's musical programs with vivid graphics, this tune has a real upbeat tempo.  |
| 3249 | DOG GONE BOOGIE-WOOGIE (Ex)<br>The same program as above but with a few sprite surprises thrown in.  | 3277 | BEETHOVEN'S 9TH SYMPHONY<br>The haunting melody of Beethoven's 9th symphony is brought to life by your 99/4.  |
| 3250 | BERCEUSE (Ex)<br>Sprites move and change as this melody is played by your 99/4.  | 3278 | BUNNY MUSIC<br>A pretty bunny is displayed while a simple tune plays.   |
| 3251 | RAINBOW CONNECTION (Ex)<br>One of the wonderful songs from the Muppet Movie.   | 3280 | INSTRUMENT TUNER<br>An electronic tuning fork for precise instrument tuning. An excellent program for beginners.  |
| 3252 | GIVE A LITTLE WHISTLE (Ex)<br>A snappy little tune we are sure the entire family will enjoy.   | 3281 | THREE KINGS<br>Fantastic job of graphics and music for this Christmas carol. As the music plays the 3 kings approach the manger and the Star of Bethlehem lights up the sky.  |
| 3253 | SWINGING SHEPHERD BLUES<br>A memorable tune of the 60s played by your 99/4. An outstanding programming job.  | 3284 | FUGUE BY HANDEL (Ex)<br>A marvelous use of sprites and graphics in this classical composition rendered by a Users-Group member in Germany.  |
| 3254 | BUGLE BOOGIE (Ex)<br>Sprites defined as bugles dance across your screen as this tune is played.  |      |   |
| 3255 | WITCHES DANCE (Ex)<br>E.A. MacDowell's Witches Dance comes to life when played by your 99/4.   |      |   |
| 3256 | BEETHOVEN'S 5TH (EX)<br>Ludwig at his best! Beautiful music played by the 99/4.  |      |   |



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3285	BACH RECITAL Computer rendition of a famous organ work of Bach. Well done program.	3312	COLOR BARS An interesting program of the Alphabet song to help teach the little ones the alphabet while building a picture. Will maintain a high interest level.
3286	YELLOW ROSE OF TEXAS (Ex) A lively rendition of this famous song with graphics on the screen.	3313	MUSIC WORKSHEET An excellent program for the music student. Notes are displayed on the screen staff to produce chords. You can play as you create and change tempo or erase.
3287	PLAY/TYPE An interactive music program. While you type on the keyboard you generate notes and create music. Hear what your name sounds like!	3314	VIBRATO ORGAN This program transforms your keyboard into a vibrato organ. Should provide hours of fun for all.
3288	JUST THE WAY YOU ARE (EX) Another gem from the talented Sam Moore. Excellent graphics go with the words and music to this song. A great programming job.	3315	CHRISTMAS COLLECTION A welcome addition to any library, this collection of Christmas songs with graphics should give many hours of pleasure to the family.
3289	SYRINX (Ex) Sprites in action and an eerie rendition of this haunting composition by Dubussy.	3316	SCALES This program will generate all the different musical scales and then play them for you. Very useful for the music student.
3291	FRERE JACQUES (Ba) An interesting musical version of this traditional song.	3317	THE COVENTRY CAROL A delightful 99/4A rendition of this traditional folk carol.
3292	HAPPY BIRTHDAY (Ex) A musical delivery of this accompanied by birthday graphics. Hey! Who blew out the candles?	3318	RED RIVER VALLEY This old "goodie" has both the words and music to encourage you to join in a sing-along.
3293	OLD MAC DONALD (Ex) Sing along with this old children's favorite and get the party moving along!	3319	TWINKLE, TWINKLE LITTLE STAR Another familiar beauty with words and music. It's time to teach it to the baby!
3294	POP GOES THE WEASEL (Ex) This weasel "pops" in an interesting way as the 99/4 plays away.	3320	ADESTE FIDELES For you traditionalists, not only do you get words and music, you get both English and Latin.
3295	YANKEE DOODLE DANDY (Ex) Limited graphics help stir you up as you sing along with this rousing song.	3321	12 DAYS OF CHRISTMAS Listing not available Absolutely charming presentation of the song with grand graphics. And since the computer is doing it, it also keeps a running count of all those nice things your "true love gave to you".
3296	GUANTANAMERA (Ba) A charming rendition of this 60s favorite. Delightful graphics.	3322	SOUND EFFECTS A good collection of sound effects you can use in other programs. They include ambulance, siren, telephone, gunshots, alert alarm and a typewriter.
3297	ROCK AROUND THE CLOCK The 99/4 helps you revive the "twist" with this one!	3323	MY OLD KENTUCKY HOME This is delightful with music and graphics. You are treated to a steamboat whistling and finish with the beginning of the Derby.
3298	THE MUSIC CREATOR (T0) A wonderful program to create, play, store and recall your own musical compositions. Kids will love it--grownups too! Good graphics help interest level. See how easy it is with this one.	3324	THE CHRISTMAS CAROL A very good rendition of this familiar carol is dressed up with some nice graphics.
3299	O COME ALL YE FAITHFUL (Ba) A great programming job on this beloved Christmas hymn. Good graphics make it all the more enjoyable.	3325	COMPUTER CHRISTMAS CARD A wonderful job of programming. It has everything to delight you. A Christmas scene of the decorated tree with blinking lights, snow falls gently through the window and a cheery fire dances in the fireplace. With this, you get a mini-concert of Christmas songs.
3300	A-HUNTING WE WILL GO Go on a foxhunt and sing along with this old favorite.	3326	HAS ANYBODY SEEN MY GAL Lyrics and music to that old favorite about "5 ft. 2" gives you an instant singalong.
3301	JOY TO THE WORLD (Ba) Excellent graphics enhance the beauty of this great Christmas hymn.	3327	SARABANDE BY HANDEL You get TWO compositions with the program. Both the Sarabande and Handel's "Jolly Blacksmith" are included.
3302	THE POPCORN MAN A lively rendition of this one on the 99/4(A).	3328	THE INCREDIBLE HULK Who remembers him? Well, here is the theme song and a good graphics title screen to go with it.
3303	MINIBACH CONCERT (Ex) An Extended BASIC version of program #3229 now allows you to have it on disk too.	3329	THE PIANO COMPOSER (TO) This is a music composition program that is so complete that it borders on the complex. Screen instructions are a bit unclear but not impossible to understand. Otherwise, it is a gem. You can compose music with notes or chords by the touch of one key. Easy changes of tempo and duration can be made during composition. Then there is an edit mode where you are presented with your composition note by note, with the note values to edit as you wish. You can then store your work on cassette for later recall. A great program for the music student.
3304	JINGLE BELLS (Ba) A beautiful Christmas tree complete with blinking lights and ornaments complement this spritely Christmas song.	3330	ROW, ROW, ROW YOUR BOAT (Ex) A charming program with delightful graphics and sprites make this old round great fun. Gather the family around the 99/4 and sing together for an evening's fun. Who's making the popcorn?
3305	ZIGGY'S CHRISTMAS (Ex) As ZIGGY watches in awe, the snow falls softly and we are entertained with "Deck the Halls."	3331	TXU SONG (Ba) A rousing version of the University of Texas theme song and a good graphics presentation of the school mascot will delight you.
3306	MY HUNGRY HEART An interesting presentation of this popular song.		
3307	PRELUDE IN G MINOR An enjoyable rendition of this work by Chopin.		
3308	POLONAISE IN G MINOR Another pleasant presentation of this classical work of Chopin.		
3309	ACROSS THE FIELD A snappy version of OSU's rousing school song.		
3310	VIOLA CONCERTO IN G A charming program of the 4th movement of this work of Telemann.		
3311	VIOLIN TUNER An excellent program for tuning a violin. Well-written and clear. Fine graphics make it easier to understand.		



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| 3332 | ARTHUR'S THEME (Ex), Listing not available<br>A simple but interesting rendition of this song on the Home Computer.  | 3355 | MOZART<br>A very well done program with a plus. While the minuet from the Linz symphony is playing, you are presented with a short but rather complete biography of Mozart. Great for music students. |
| 3333 | CHARIOTS OF FIRE Listing not available<br>The theme song from this popular movie is enhanced by a fine, high-resolution graphics screen of the Olympic torch.  | 3356 | IOWA FIGHT SONG<br>That's it--the Iowa fight song. Need we say more?  |
| 3334 | THE HIGH & THE MIGHTY<br>A nice version of this popular theme song from the movie of the same name.  | 3357 | WHAT A FRIEND IN JESUS<br>A stirring rendition of this favorite hymn comes complete with the lyrics.  |
| 3335 | CHURCH CONCERT<br>A mixture of semi-classical and reverential music in a mini concert form. Delightful!  | 3358 | MOZART - RONDO A LA TURCA (Ex)<br>Another brilliant programming job by Sam Moore. Add it to your collection quick!  |
| 3336 | JAM SESSION<br>A barrel of fun for all ages. While the computer plays a harmonic jazz line non-stop, you press one key at a time to make a jazzy melody. Impossible to hit sour notes. Take off on a riff and have a toe-tapping ball! | 3359 | FOGGY MOUNTAIN BREAKDOWN<br>This peppy country music will set your toes to tapping. Very nice program.  |
| 3337 | BEATLES COLLECTION<br>It's about time for the young generation to become acquainted with the "old classics" like Michelle and Yesterday so they can say they know the old songs their parents know! Well done.                         | 3360 | SATIE - GYMNOPEDIE #3<br>Soothing, relaxing, refreshing. Put up your feet, close your eyes and let this massage your mind.  |
| 3338 | THE ENTERTAINER<br>A flashing multi-colored screen adds effect to this well-done rendition of the Scott Joplin favorite.   | 3361 | SCARLATTI - SONATA #352 (Ex)<br>Difficult enough on the harpsichord but ultra easy for the 99/4. A beautiful programming job.   |
| 3339 | GREENSLEEVES<br>An old classic now on the 99/4A computer. Sit back and relax.  | 3362 | CLOSE ENCOUNTERS (Ex)<br>Music has limited graphics enhancement. Now you can listen to that 5 note strain at any time.  |
| 3340 | HILL STREET BLUES THEME<br>Excellent graphics of a police car greatly enhance this program that presents us with the theme song of the award-winning show.   | 3363 | HAVE A HOLLY JOLLY CHRISTMAS<br>Here's one to add to your Christmas collection. Lyrics are shown on the screen so that everyone can sing along.   |
| 3341 | MUSI-KEY (TO)<br>Another very good program for you budding computer composers out there. You can create your music, edit it, and then save it on cassette tape for future replay of editing. Well-written.                             | 3364 | HORNPIPE BY PURCELL<br>A double header from Baroque to Modern. After you listen to this Purcell Hornpipe you are presented with a lovely waltz by Shostakovich.                                       |
| 3342 | PUFF THE MAGIC DRAGON<br>This will delight the children. Lyrics are printed on screen so they can sing along.  | 3365 | RUDOLPH II<br>A bouncy rendition of this Christmas favorite with on-screen lyrics for singalongs.   |
| 3343 | FROSTY THE SNOWMAN (Ex)<br>There's Frosty walking along in the snowstorm while his song keeps playing to cheer him along.  | 3366 | FIFTY-NINTH STREET BRIDGE<br>A Simon and Garfunkel favorite now on the TI 99/4 for a bit of nostalgia of the 60s and 70s.   |
| 3344 | TWO NOTE MELODY<br>Many former piano students will recall this composition of Schumann as a piece they practiced with. Now enjoy it without hassle.  | 3367 | RINGO'S THEME<br>A Beatles' song for your enjoyment. Nicely done version.   |
| 3345 | CONSTANTE<br>A well-done version of this romantic song by Heitor Villa-Lobos. Nice to listen to WITH someone.  | 3368 | BACH TOCCATA FUGUE<br>A beautiful rendition of this composition for you lovers of the Classics.   |
| 3346 | COUNTRY DANCE<br>A charming rendition of Beethoven's Country Dance with some very interesting graphics.  | 3369 | TAKE-FIVE<br>You Jazz lovers will appreciate this great computer version of a jazz classic.   |
| 3347 | SILVER & GOLD<br>Limited graphics enhance this pleasing version of this song.  | 3370 | ADELITA de TARREGA<br>A beautiful version of this charming and delightful song.   |
| 3348 | SONGS OF TEXAS<br>Here you have a full medley of many Texas favorites including Deep in the Heart of, Yellow Rose of and the Eyes of Texas.  | 3371 | LAGRIMA<br>Another beautiful song by Tarrega for your listening pleasure.   |
| 3349 | DUELIN' BANJOS<br>A good computer rendition of this spritely country folk tune.  | 3372 | ROMANCE DE CASTILLA (Ex)<br>When you hear it you will recognize it immediately. Beautifully done with sprites of moving castles dancing in time to the music.   |
| 3350 | HOME IN DREAMS<br>This song is nostalgic and beautiful but the "Oh's" will come when you see the superb graphics of the special alphabetic character set the author has designed. It looks like stitchery.                             | 3373 | TRANSPOSITION TABLES<br>A very useful tool for music students. With the help of the TI computer it is now very easy to transpose music from one key to another.                                       |
| 3351 | KOJO NO TSUKI<br>This is a fantastic rendering of this classic Japanese folk song, known in English as "Moon over the Castle Ruins." A shakuhachi (flute) is recreated very well and the graphics are charming. Great job!             | 3374 | LITTLE DRUMMER BOY<br>Another Christmas classic for you with lyrics on the screen.  |
| 3352 | NADIA'S THEME<br>A very nice TI Home Computer version of this song.  | 3375 | HELLO/GOODBYE<br>The well remembered song of the days of the Beatles. Do YOUR children know who the Beatles were? They can sing along with you on this one.   |
| 3353 | AMERICA II (Ex)<br>A charming rendition of "America the Beautiful" with some very nice graphics to dress it up.  | 3376 | HEY JUDE<br>Now guess who wrote this one. You can sing along in case you have forgotten the lyrics.   |
| 3354 | HEART (Ex)<br>This version of "Only Love Can Break Your Heart" is well done and dressed up with charming graphics and sprites.   | 3377 | YOU'VE GOT TO HIDE YOUR LOVE<br>Another great Beatles classic with lyrics provided.   |
|      |  | 3378 | LET IT BE<br>Guess whose?   |
|      |  | 3379 | SLEIGH RIDE<br>Sing along at Christmas time with this spirited version of a Christmas favorite.   |
|      |  | 3380 | LET IT SNOW<br>A charming Christmas favorite that everyone will enjoy singing.  |



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| <p>3381 KING WILLIAM'S MARCH<br/>A rousing rendition of this 18th century march. Hut, Two, Three, Four!</p> <p>3382 ROCKIN' AROUND THE CHRISTMAS TREE<br/>When you buy this bouncin' song, pretend it's new to you. After all, you don't want to be dated!</p> <p>3383 THE CHRISTMAS SONG<br/>This is one of those songs that people lose contests on. You can sing along with the lyrics on-screen and then you'll say, "Oh, that's 'Chestnuts Roasting on an Open Fire'!"</p> <p>3384 VENETIAN BOAT SONG** (Ex)<br/>A remarkable job of fantastic graphics and music from Sam Moore. Add it to your collection fast. **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> <p>3385 COMPUTORGAN** (Ex)<br/>Sam Moore makes a realistic picture of the TI computer system replete with the famous title screen. All this is set to a bouncy delivery of some Boogie-Woogie. **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> <p>3386 TI-ORGAN** (Ex)<br/>Mr. Moore has just about outdone himself here. After a detailed picture of an animated pipe organ, he gives us a real organ to play ourselves. We get a choice of organ voice, organ with automatic harmony or harpsichord. All we do is push the number keys. Why? Because we get about 10 songs to choose from with the fingering right on the screen. This will be much in demand so get yours early. Everyone will love it! **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> <p>3387 PUPPYTOWN** (Ex)<br/>And yet another charming chuckle from the inventive Mr. Moore. Watch those puppies scurrying along in front of the saloon. The music is a delight. **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> <p>3388 ROCKY ROBOT'S BOOGIE** (Ex)<br/>For all you Rocky Robot fans! Rocky takes off time from teaching to "trip the light fantastic" with a buddy of his. He is SOOO talented! **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> | <p>3389 VENUS NIGHT RIDE** (Ex)<br/>A pinnacle in graphics and original music composition from S. Moore. A sci-fi wonder of graphics with tantalizing music. **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP BY TEXAS INSTRUMENTS.</p> <p>3390 WESTERN BOOGIE** (Ex)<br/>The sheriff won't let that varmint get away! Watch those bullets fly and listen to the toe-tapping Boogie stomp. **THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS-GROUP BY TEXAS INSTRUMENTS.</p> <p>3391 DOUBLE EAGLE RAG Listing not available<br/>Good graphics of a guitar player strumming this lively ragtime version of that famous march "Under the Double Eagle."</p> <p>3392 IOWA STATE SONG (Ba)<br/>Excellent graphics of the Iowa State flag. You hear the state song and have the lyrics on screen just in case you are in the mood for some singing.</p> <p>3393 WENN ICH EIN VOGELIN WAER<br/>A stunning m.c. escher tapestry changes constantly as this delightful German folk song is played. Worth having just for the graphics alone.</p> <p>3394 DEEP PURPLE<br/>For us oldsters who remember music without screeches and noises. This should bring back some fond memories.</p> <p>3395 STARDUST<br/>Three voice harmony makes this all-time classic a joy to listen to. Here's your chance to let the younger ones hear what REAL music is!</p> <p>3396 IT IS WELL WITH MY SOUL<br/>An inspiring computer version of this moving hymn.</p> <p>3397 BE STILL MY SOUL<br/>Another hymn to help you when you may be feeling down. Listen and take a quiet moment for reflection.</p> <p>3398 IVORY PALACES<br/>For the hymn collector, here is another to add to your collection.</p> <p>3399 JESUS LOVES ME<br/>Another beautiful hymn of inspiration for your listening pleasure.</p> |
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## EDUCATION

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| <p>4300 CLOCK<br/>You'll have to see this program to believe it. It turns your 99/4 into a digital clock. The display is in the center of the screen in easy-to-read 4" numbers.</p> <p>4301 COLOR CRAYON (Ba, To)<br/>Draw your own creations on the screen and then save them on tape for future use.</p> <p>4302 VOCABULARY TEST<br/>A great program for the high school or college student, which asks you to define words, meanings.</p> <p>4303 TIME CLOCK<br/>Pre-school lesson in telling time.</p> <p>4304 SIGMA<br/>This program adds all integers from a minimum to a maximum number.</p> <p>4305 ADDITION TEST<br/>Elementary Level Addition Math Test</p> <p>4306 CALENDAR<br/>A calendar for any year, by month, for your 99/4 terminal.</p> | <p>4307 LARGE CHARACTERS<br/>A programming aid that enlarges the screen print. Great for programming children's games.</p> <p>4309 MATH TEST (SS, SE/Ex)<br/>Great for all ages. You will add, subtract, divide and multiply with the best of them after using this test.</p> <p>4310 MATH TEST N/S<br/>The same program as above but written to run without speech.</p> <p>4311 FILE<br/>Several math problems and graphic plots all in one program.</p> <p>4312 GERMAN<br/>Using data statements, program your 99/4 to translate and teach you German.</p> <p>4313 *MORSE CODE<br/>Learn Morse code the easy way with your 99/4. The ideal program for the Boy Scout in the house.</p> <p>4314 SPANISH TRANSLATOR<br/>By the use of data statements translate Spanish to English. A GREAT learning tool.</p> |
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| <p>4315 TENSE<br/>One of our most enjoyable programs. Learn the past tense of many words as they come up in ridiculous sentences on your screen. A must for school age children.</p> <p>4316 TRIANGLE (SS, SE/Ex)<br/>Find out what the degrees of all sides are.</p> <p>4317 BIORHYTHMS<br/>We think this is the best of several biorhythms we have received.</p> <p>4318 ALPHA<br/>A simple program that is good for pre-school children.</p> <p>4319 COLOR MATH (Ba)<br/>This elementary and secondary school math test is fantastic! A great learning tool.</p> <p>4320 ALPHANUMBER (Ex)<br/>Dancing sprites amuse while children can learn the alphabet and numbers. A good program with good stimulation.</p> <p>4321 GRADING SYSTEM<br/>This program is a must for teachers. Based on three elements, find a student's or the class's average grades.</p> <p>4322 SPELL<br/>One of the better educational programs. The object is to make as long a word as possible with the letters the computer generates.</p> <p>4323 WORDTOTAL<br/>A great educational game. The computer picks a target number and you must think of a word that can reach the total. Up to four players.</p> <p>4324 TRADE (TO)<br/>A program that allows the user to track players on trading cards. You can then store and retrieve this information.</p> <p>4326 BIORHYTHMS (Pr)<br/>Using the TI thermal printer you can get a printout of your daily biorhythms.</p> <p>4327 PRECIOUS METALS CONVERSION<br/>By setting the fix price on precious metals find out what your gold and silver coins are worth on a daily basis.</p> <p>4328 TIME AND SPEED<br/>This is a time and speed test which will sharpen your math and reasoning skills.</p> <p>4329 LEAST SQUARE<br/>This program will correlate four curves!</p> <p>4330 RESISTOR TEST<br/>This fantastic program tests the users knowledge of the color codes and resistors. A very well thought out program of real educational value.</p> <p>4332 BIBLE BOOKS<br/>This program tests your ability to name the books of the Old and New Testament in exact order.</p> <p>4333 CAREER FILE INDEX<br/>This program lists several career opportunities and lists things like salary range, advantages, disadvantages, travel, etc. An excellent program for high school career counseling.</p> <p>4334 PRESIDENTS II<br/>This program tests your ability to name all the presidents of the U.S. in order of term of office. Other information on each President is also available.</p> <p>4335 CAPITOLS<br/>This program tests your knowledge of the capitol cities of all 50 states. You start with 100 points and lose 1 point for each incorrect answer. An excellent program.</p> <p>4336 *STATES<br/>From the computer menu, select information on states, including alphabetical order, capitols, largest city, and popular names. Check large DIM statements for 'memory full' errors on the 99/4A.</p> <p>4337 LOWER CASE CONVERT<br/>A great program for the pre-school child. The computer shows you a lower case letter on the screen and the student must type in the same letter from the keyboard.</p> <p>4338 WORD GAME 22 (Ba, TO)<br/>This program is aimed at building your word power. Pick the number of words and difficulty level. The computer rates your performance. Program is high school and college level.</p> <p>4340 MATH TUTOR<br/>A math practice drill with your choice of addition, subtraction, multiplication, or division. It allows you to enter upper and lower number limits. An excellent program.</p> | <p>4341 FIRST ADDITION<br/>An excellent program for the pre-schooler. Addition numbers are numeric and graphically displayed for easy computing.</p> <p>4342 SPELLING 'B' (SS, SE/Ex)<br/>As words flash on the screen for a short period of time you must remember what they are, then spell them correctly.</p> <p>4343 TRUE-FALSE TEST<br/>This is all you need to make up your own True/False test. Great for any type of T or F testing.</p> <p>4344 MULTIPLE CHOICE TEST<br/>Enter your own questions and answers for any type of multiple choice testing.</p> <p>4345 MATCH THE ANSWER TEST<br/>BASIC program that allows you to enter the answers then ask the student to pick the correct one. Wonderful program.</p> <p>4346 CALL KEY<br/>This program will define almost all the keys on the keyboard with the number value that TI assigns it. A must for all programmers.</p> <p>4347 DAYS BETWEEN DATES<br/>Program calculates the number of days between two given dates.</p> <p>4348 SPELLING TEST (DO, Pr)<br/>An excellent program that allows you to enter a child's spelling words on tape, then turn the computer over to them to test their skills.</p> <p>4349 WORD SYLLABLES (DO, Pr)<br/>Similar to the Spelling test program except use syllables.</p> <p>4350 WORLD FLAGS (TO)<br/>A very good program which depicts the flags of 29 nations. Test your skills of memory and recognition.</p> <p>4351 COMPLETE SQUARE<br/>The program is a tutorial which asks you to give the best answer to questions regarding completing a square using quadratic equations. A must for the high school algebra student.</p> <p>4352 SPELLDOWN (Ba, TO)<br/>A very professional program of 'now you see it, now you don't' spelling words. Up to four players can participate. For ages 6 to 16.</p> <p>4353 SOLAR (Ba)<br/>Programmed by John Priser in Arizona, this program graphically displays the movement of the planets from dates you give the computer. An excellent learning tool.</p> <p>4354 DIVIDE<br/>Need to divide some numbers? Here is the program for you. It will divide any number you wish with as many decimal places as desired.</p> <p>4355 TEST-TUBE<br/>This computer game is to test your knowledge in the area of Chemistry. Story problems are given in pressure, temperature, and molecular structure. Perfect for the high school and college chemist.</p> <p>4357 TRINOMIAL<br/>Brush up on your factoring with this beauty. For first and second year algebra students.</p> <p>4358 SYSTEM<br/>Solution and graph of a system of equation of a line in the form <math>AX + BY = C</math>. Another perfect game program for the first year algebra student.</p> <p>4359 COLOR FRACTIONS<br/>One of the best educational programs we have seen. Great for teaching elementary uses of fractions. Highly colorful. Excellent.</p> <p>4360 FLAGS OF NATIONS (Ba, TO)<br/>This excellent program asks you to name the flags of several different nations but will give you a clue in showing you where the country is located on a world map. A fantastic programming job.</p> <p>4361 FACTS OF LIFE<br/>A simple little program that will tell you your exact age, approximately how long you have slept, eaten, relaxed, and when you can retire.</p> <p>4362 DRAW<br/>This program teaches a pre-school child up, down, left, and right and draws either a picture of a man or a truck. An excellent program!</p> |
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## EDUCATION

DO.....Disk only  
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 S/E.....Speech Editor or Ex. BASIC  
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| <p>4363 ELEMENTARY ARITHMETIC<br/>           Another great pre-school program with 3 different lessons; counting, addition and subtraction. Good programming here!</p> <p>4364 SPEED READING (Ba, TO)<br/>           An excellent program that will increase peripheral vision and ability to read word groups. You are able to select 10 different levels of difficulty. A wonderful program.</p> <p>4365 AERODYNAMICS<br/>           Ever wonder what makes an airplane fly? This tutorial program teaches the effects of lift, drag, and gravity. An excellent program for the junior high student.</p> <p>4366 GUESS THE LETTER<br/>           A good program for pre-schoolers. Computer chooses a letter and you try to guess it.</p> <p>4367 FINGERSPELLING (TO)<br/>           Learn the American Sign Language Alphabet and numbers with this well thought out program. The program has 3 options. Keyboard signs, Reading signs, and Sign file. Very educational!</p> <p>4368 RELATIVE IQ TEST (Ex)<br/>           Want to test your IQ against questions supplied by the 99/4? Here's your chance with a great little program. Suggested for ages 14 and older. To conceal the answers the program is protected.</p> <p>4369 ALGEBRA<br/>           Algebra of a single variable is a must for the high school or college student. An excellent program which is well thought out as a teaching program.</p> <p>4370 BOWLING MATH (Ex, SS, Js)<br/>           Bowling Math is both a game and an educational program. You must position your player, then roll the bowling ball. After counting your pins you must then correctly add your score.</p> <p>4371 CHANGE<br/>           An excellent small program that will tell you what change to give in return for any item purchased up to \$100.</p> <p>4372 SPATIAL RELATIONS (SS, SE/Ex)<br/>           A program designed to teach a pre-schooler up-down and left-right. A very good teaching tool.</p> <p>4373 CATAPULT (Ba)<br/>           A very well thought out program in which you must solve basic physics problems. The object is to judge the trajectory of an object being fired from a catapult to either a stationary or falling target. Good graphics!!</p> <p>4374 PROJECTILE PROBLEMS (Ba)<br/>           Another program that deals with basic physics equations. Choose from 4 different situation levels. Excellent graphic presentation.</p> <p>4375 METRICS CLASS (SS, SE/Ex)<br/>           A test situation that asks the user to decide whether standard weights and measurements are greater than or less than given metric figures.</p> <p>4377 *GRADING SYSTEM (Ex)<br/>           Enter any number of students' names and grades and let the computer give you the class average. A very good program for teachers and students who want to track grade averages.</p> <p>4379 A TYPING TUTOR (Ex)<br/>           A good program for practicing and reinforcing your typing skills. You can choose what items you wish to practice and how long you want the practice items to be. The computer keeps track of any errors and then increases practice on missed items. Great program.</p> <p>4381 JR. HIGH MATH DRILL<br/>           A geometry and algebra math tutor. A very good program for the freshman math student. Gives right answers if you don't.</p> <p>4382 TESTING (TO)<br/>           This program allows you to create, store or take tests. Load your own questions and answers. A great educational program.</p> <p>4383 *STATES QUIZ (Ex)<br/>           A new menu driven quiz on our 50 states. Program includes information on states, alphabetical order, capitals, largest cities and popular names. A great program for the geography and history student.</p> | <p>4384 SPEAK SPELL FLASH (SS, TE-II)<br/>           NOTE: This is a series of 5 programs and each must be ordered separately. One of the best educational tools in our software library. These programs flash a word on the screen then speak the word and ask the student to type it into the computer correctly. Each of the 5 programs contain between 75 and 100 words each and can be easily modified by the owner who has little or no programming experience.<br/>           PROGRAM #1 - contains 2 and 3 letter words.<br/>           PROGRAM #2 - contains 3 and 4 letter words, etc., up to<br/>           PROGRAM #5 - which contains 6 and 7 letter words.<br/>           Please order using this program number and a "/"# to indicate 4383/#1 -- 4383/#5.</p> <p>4385 AERODYNAMICS II<br/>           A continuation of program #4365. This lesson deals with life, gravity, drag and thrust. Well written and very informative.</p> <p>4386 BASEBALL MATH (Ba)<br/>           An excellent BASIC program for ages 12 and under. If you solve the problem correctly, you can advance your runners; miss, and you will register an out.</p> <p>4387 TRIGONOMIC SOLUTION OF TRIANGLES 99/4 Only<br/>           Analyze either right or oblique triangles. An excellent program that can be used in many applications.</p> <p>4388 WORD TEACHER (SS, TE-II)<br/>           The computer helps you learn simple words and how they are structured. An excellent program for ages 4-6.</p> <p>4389 MATH RACE<br/>           A great program for learning addition and subtraction. Five levels of play make this fun for the entire family.</p> <p>4390 MATH AID (Ex)<br/>           Computes area of triangles, figures averages, solves quadratic equations.</p> <p>4391 GRADE BOOK 99/4 Only, (Ex)<br/>           An excellent grade averaging program which allows you to input course number, semester year, course title, and track records for up to 50 students. The program allows for weighted or unweighted grades, and is ideal for most teachers.</p> <p>4392 HAPPY SPELL (SS, TE-II)<br/>           Spelling drill by computer. Any word can be entered. Mistakes are remembered and redrilled. This is one of the best educational programs we have seen for elementary school children. An excellent programming job by Sam Bryan.</p> <p>4393 MICHIGAN (SS, TE-II)<br/>           A great tutorial about the state of Michigan. Good graphics and music enhance the program greatly!</p> <p>4394 RUSSIAN TYPEWRITER<br/>           Practice your Russian with this program. It turns your 99/4 alphabet into a Russian language typewriter and displays its alphabet on the screen.</p> <p>4395 SPANISH MATH QUIZ<br/>           A Spanish math tutor which teaches addition, subtraction multiplication and division.</p> <p>4396 PIGGY BANK (Ba, TE-II, TO)<br/>           An excellent program for teaching children the value of saving money as well as teaching them how to count it.</p> <p>4397 EUROPEAN CAPITOLS<br/>           A good program for drill in geography in Europe.</p> <p>4398 SPELLING TESTER (SS, SE/Ex)<br/>           Limited to 10 words. Could be modified for use with TE II.</p> <p>4399 TEACHER'S GRADEBOOK<br/>           An excellent helper for a teacher at grading time.</p> <p>4400 STATES &amp; CAPITOLS<br/>           A geography drill in which you can guess either the state or its capitol. Some misspellings in program need correction.</p> <p>4402 TEACHER'S CLAIM (Ba)<br/>           Great job of entertaining graphics in this arithmetic drill program.</p> <p>4403 DIPHTHONG DRILL<br/>           Another spelling practice drill program in our ever-expanding section of educational aids.</p> <p>4404 LONG VOWEL DRILL<br/>           Spelling practice emphasizing long vowels.</p> <p>4405 WORD TOTALLER<br/>           A teaching game for word values according to their order in the alphabet. Challenging and entertaining to make learning fun.</p> |
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## EDUCATION

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| <p>4406 ARITHMETIC WORD PROBLEMS<br/>Offers arithmetic problems for different grade levels.</p> <p>4407 TEST WRITER (DO), Listing not available<br/>Great for teachers. You can create custom exams with the computer and store them on disk for later recall. A great help with paperwork.</p> <p>4408 *LANGUAGE EXPRESSIONS (SS, TE-II, TO)<br/>A very good educational program for teaching children language skills while having fun.</p> <p>4409 *WORD SCRAMBLE (SS, TE-II, TO)<br/>A teaching game for children where they learn while playing the game.</p> <p>4410 ADDITION PRACTICE (Ex, SS)<br/>You will wish you had this when you were in school. A very well done program that will delight the young ones. It uses sound educational concepts but is not boring. Get the answer right and you are treated with a wonderful fireworks display. For 3rd &amp; 4th grade level.</p> <p>4411 WORD TWINS (SS, TE-II)<br/>Another instant classic from Sam Moore. A beautiful teaching program that drill homonyms in clever rhymes spoken by "Rocky Robot."</p> <p>4412 ROADRUNNER<br/>A great game teaching simple addition &amp; subtraction. Uses timed sequences to heighten interest. Even oldsters will enjoy it.</p> <p>4413 ALPHABET SOUP<br/>An excellent program for pre-reading level children for learning letter recognition. Well thought out with good graphics.</p> <p>4414 4414/D1 &amp; 4414/D2 SPELLING TESTER (DO, Pr)<br/>Listing not available<br/>A comprehensive spelling test program. Gives a printout of all responses and correct answers. Also needs Speech Editor for BASIC and Speech Synthesizer.</p> <p>4415 LET'S PLAY ARITHMETIC (Ex, SS)<br/>Your choice of game plus drills or problems. A comprehensive program helping to make learning fun.</p> <p>4416 LEUKEMIA TUTORIAL<br/>A complete computer lecture on leukemia. Of interest to all. It also provides source for more information later.</p> <p>4417 THE BARNYARD GROUP (Ex)<br/>This is a series of five programs teaching 3rd or 4th grade level arithmetic. They are very well done with excellent graphics. Each program should be ordered separately by the following number:<br/>             4417/1 ADDITION                      4417/2 COUNTING<br/>             4417/3 DIVISION                    4417/4 MULTIPLICATION<br/>             4417/5 SUBTRACTION</p> <p>4418 JR. HIGH MATH HELPER (Ex)<br/>A most useful aid to students in math, geometry, and "trig."</p> <p>4419 CAPITALIZATION PRACTICE (SS, TE-II)<br/>A fantastically well done program for 3rd grade and up to practice syntax rules in English. Will captivate the children with its excellent graphics.</p> <p>4420 U.S. FACTS (Ba)<br/>A one or two player "game" to learn and test on U.S. history. Well done. We wonder just how many grownups can do well on this!!</p> <p>4421 CONSTELLATIONS<br/>An extremely well done program to learn about the constellations. Great for astronomy buffs or anyone who wants to identify the stars in the night sky.</p> <p>4422 THE MUSIC TEACHER<br/>A MUST for anyone studying music. Teaches and drills on note sequence and chord theory. A delightful, excellent programming job.</p> <p>4423 GEOQUIZ<br/>A good geology testing program that tests on geologic names, eras and dates.</p> <p>4424 VOCABULARY TEST<br/>A high school level vocabulary test/game that tests for meanings, antonyms and synonyms. Grownups, don't let your children catch you losing at this one! Practice late at night first!</p> <p>4425 STUDENT GEOMETRY AIDS<br/>A series of five programs to help the geometry student in problem solving. Each program should be ordered separately by the following numbers:<br/>             4425/1 PLANE GEOMETRY<br/>             4425/2 SOLID GEOMETRY I<br/>             4425/3 SOLID GEOMETRY II<br/>             4425/4 EUCLIDIAN TRANSFORMATIONS<br/>             4425/5 SOLUTION OF TRIANGLES</p> | <p>4426 SPELLING AIDS (SS, TE-II, TO)<br/>A great spelling aid for the 2nd or 3rd grade child. Speech maintains a high interest level.</p> <p>4427 UNSCRAMBLE (Ex)<br/>A good educational game of unscrambling the words. Helps to reinforce good spelling.</p> <p>4428 FRACTION DRILL (Ex, TO)<br/>An extremely well written program that teaches and drills students in fractions. Helps and hints aid the student, and the program then saves the missed items on tape for the teacher to review later. Highly recommended!!</p> <p>4429 ALPHASTAR Listing not available<br/>Just great for youngsters learning the alphabet. First you catch the correct letter and then identify it by pressing the correct key. A very well done program with sound value.</p> <p>4430 I.Q. WORDMASTER Listing not available<br/>This set of programs consists of the main program, a vocabulary testing game, a program to change or add words to your master file and a master data file of 200 words. Quite a nice package.</p> <p>4431 POETRY MAKER (Ba, TE-II, SS)<br/>This program creates random poetry and then recites it for you. It is surprising just how good some of it can be.</p> <p>4432 NOUN INSTRUCTOR 99/4A Only<br/>This is a quite complete program to both drill and teach students about nouns, recognition and use.</p> <p>4433 COUNTING (Ex, SS)<br/>An excellent program to teach youngsters how to count by varying increments. Break the 1-2-3 habit and try 2-4-6 for a change!</p> <p>4434 MATH QUIZZER<br/>A very versatile math program for students to drill themselves. They may choose the number sizes, number of problems and the type.</p> <p>4435 CAI TEST<br/>This is a general knowledge test that is quite well done. Information is stored in data statements so you can change it any time you want. Parents, don't flunk this with the children watching!!</p> <p>4436 SAY &amp; SPELL (Ex, SS)<br/>An extremely well written program for third to seventh grade levels. There are 4 modes to choose from to eliminate boredom and a mystery word section. Good presentation.</p> <p>4437 ARITHMETIC DRILLS<br/>A fundamental program to drill youngsters in simple arithmetic. You may choose combinations of 1 through 5 or 6 through 10 in addition, subtraction, multiplication and division.</p> <p>4438 GETTYSBURG ADDRESS (Ba, TE-II, SS)<br/>Listing not available<br/>Absolutely stunning presentation and a fantastic programming job. A high resolution ANIMATED graphics presentation of Lincoln reciting the Gettysburg address. After that, he lowers his eyes in silent prayer while we all hear the Battle Hymn of the Republic. This is one program you must have!</p> <p>4440 SUPER FLY (Ex)<br/>Excellent graphics with sprites make this seem to be a game rather than the fine, well-thought-out addition and subtraction drill that it is. Any child of 4th grade level or higher won't abandon this one quickly.</p> <p>4441 DRILL GAME (Ex)<br/>Sound programming skill and educational procedures make this an excellent learning tool for multiplication. Wonderful graphics will entrance you. A real winner.</p> <p>4442 BIG LETTERS<br/>Excellent for those learning their letters. This program produces huge, fully-formed lower case letters on the screen for a child to work with. You can get about 2 rows of 12 letters each on one screen.</p> <p>4443 MASTER WORD LIST (TO)<br/>This is a good program for parents or teachers to use to create vocabulary drills and tests. You may save these on tape for a student to use at some other time.</p> <p>4444 BIBLE GAME<br/>Marvelous graphics and sound effects set this bible quiz in a class by itself. Try it just for the dazzling graphics if for nothing else.</p> |
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## EDUCATION

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| <p>4445 MORSE CODE TRAINER<br/>A very versatile and well laid out program for ham operators or others to practice and learn Morse Code. Many options make it very usable and easy to work with.</p> <p>4446 EVOLUTION STUDY<br/>Here is where the computer is an indispensable aid. With this program, intended for junior high children and older, you simulate the progress of mutation and evolution over a 30 year period. Moths are used as a test sample and you set values to change results.</p> <p>4447 POLLUTION EVALUATION STUDY (Ex)<br/>Intended for high school age and older, this is a very complete and thorough program to evaluate pollution factors and results in a model you create. A fascinating study and a worthwhile investment for science students.</p> <p>4448 KIDDIE MATH (Ba)<br/>This will delight children just learning to read and work with "little" numbers. Entertaining graphics and music round out this good teaching program.</p> <p>4449 STATES XB (Ex)<br/>This is an Extended BASIC version of #4336. It is faster and takes less memory. Music has been added to make it more enjoyable.</p> <p>4450 PIGGYBANK II (DO)<br/>This is a version of #4396 for those of you who want it on disk.</p> <p>4451 FRACTION SOLVER<br/>A very useful program for students to ease the load. It solves many different types of problems involving fractions.</p> <p>4452 THE ANSWER MAN<br/>An excellent program for youngsters. Program drills them on basic arithmetic on three levels and if they need him, there is the answer man to solve it all in one sweep.</p> <p>4453 MATH-HANGMAN<br/>An arithmetic version of the popular game with very well done graphics and layout.</p> <p>4454 PRONOUN HIGHDIVE (Ba, TE-II, SS)<br/>Fantastic graphics make this a delightful teaching tool. Guess the wrong pronoun and you miss the tank completely!</p> <p>4455 SPANISH VOCABULARY DRILL (Ex)<br/>A rather professional job of educational programming makes this a delight for students to work with. Many unique features.</p> <p>4456/1<br/>4456/2 SPELLING QUIZ (Ba, TE-II, SS, DO)<br/>Two programs in this set make a rather unique program. With the Speech enhancement and graphics students will have a pleasurable experience while learning spelling. You can make up your own lists and change them at any time. The program reviews missed items with student at the end of each run.</p> <p>4457 MATH CONCENTRATION 99/4A only, (Ba)<br/>This is a two player game where one has to remember problems that are in hidden squares and then match them up. Well done.</p> <p>4458 FRENCH VERBS<br/>Students of French now have some help from the 99/4A with this program. It drills the student on proper verb usage and forms. It uses DATA STATEMENTS to store the data so it can be expanded or changed at any time.</p> <p>4459 MAKE-A-STORY<br/>This program teaches children proper English usage by letting them create a story with the prompts they are given. Some graphics.</p> <p>4460 WORLD CAPITOLS<br/>This educational game is similar to "STATES" except that it deals with countries and their capitols. Well done.</p> <p>4461 ENERGY (Ex)<br/>This is a tutorial program about energy. After the "lecture" you are given a program that converts units of energy from one form to another.</p> <p>4462 NIGHT SKY (Ex)<br/>Extremely well done program on Astronomy. It provides graphic star charts with "helps" to get information about a particular formation and then allows you to return to the chart where you left off.</p> <p>4463 SPATIAL RELATIONS (Ex, SS)<br/>An excellent program to teach tiny tots about spatial relations. The Speech makes it great fun and the little ones learn the concepts of up, down, around, on top of, between, under and on the side of.</p> <p>4464 NUCLEAR CHEMISTRY (Ex)<br/>This is a fine program that is a tutorial in nuclear chemistry. Quite enjoyable to follow and well written.</p> | <p>4465 ROCKY ROBOT'S ALPHABET (Ba, TE-II, SS)<br/>A delight! Let the little ones learn the alphabet with Rocky Robot as their tutor. Great job in educational programming.</p> <p>4466 ROCKY ROBOT'S DIVISION (Ba, TE-II, SS)<br/>Heere's Rocky and this time he's waiting to make learning division a lot of fun. Give the kids a treat with this one. Wonderful graphics.</p> <p>4467 SWEDISH VOCABULARY DRILL (Ba)<br/>Program has limited graphics but is a great help in brushing up on your Swedish. Information is listed in Data Statements so you can add or change items at any time.</p> <p>4468 MENUMATH<br/>A very sound and well planned program. Useful for almost all age levels since you may choose from 7 levels of difficulty in addition, subtraction, multiplication and division. Problems include work with fractions, and you get to see your report card.</p> <p>4469 THE ABC SHOW (Ex, Mem, SS, DO)<br/>Listing not available<br/>Absolutely superb! For pre-reading and beginning reading level children to learn and practice the alphabet. Fantastic hi-res graphics of each item. This is truly a "SHOW!" Highly recommended.</p> <p>4470 ROCKY ROBOT'S ADDITION (Ba, TE-II, SS)<br/>This time Rocky tirelessly devotes his time to drilling the young ones with addition problems. Rocky is always fun!</p> <p>4471 CHART OF ATOMIC WEIGHTS<br/>Since it is hardly practical for chemistry students to have a periodic table at home, here is the answer. It lists all of the elements with their atomic weights.</p> <p>4472 ALL ABOUT GEORGIA<br/>A nice compact tutorial with the highlights of the history and development of the state of Georgia.</p> <p>4473 EL PROFESOR (Ex)<br/>Spanish students! Help is on the way! This excellent program gives you a rapid runthrough with the highlights of Spanish grammar. You may test yourself along the way to see how much you are remembering. Get relief now!</p> <p>4474 ADRIFT IN ALGEBRA (Ba)<br/>This excellent program turns learning Algebra into a game. Truly great graphics help to make fun out of this drill test. If you get enough answers right you can launch your ship.</p> <p>4475 HEBREW KEYBOARD<br/>Turns your 99/4A into a Hebrew typewriter--but it does not type backwards (i.e., right to left).</p> <p>4476 THE PHYSICS RACE (Ba)<br/>Wonderful programming job with excellent graphics. It tests for basic concepts in Physics and then presents a race to show your score. Didn't know learning could be so much fun!</p> <p>4477 KATIE'S ADDITION (Ex)<br/>A very nice program with a very creative use of sprites to teach simple addition to the beginners. Should delight them all.</p> <p>4478 FRENCH GRAMMAR GAMES (Ba)<br/>A collection of learning games for practicing grammar, vocabulary and simple math for the student of French. A very well done and enjoyable program.</p> <p>4479 ROCKY ROBOT'S LEARN TO COUNT (Ba, TE-II, SS)<br/>For the little ones just beginning to school. But you can get a jump on school and expose the little ones to counting now!</p> <p>4480 ROCKY ROBOT'S SUBTRACTION (Ba, TE-II, SS)<br/>Subtraction practice and drilling with that master teacher makes a hit with the kiddies once again.</p> <p>4481 PRESIDENT'S GAME (Ba)<br/>Great graphics turn learning the American presidents into a fun time for all. You walk the plank for every wrong answer. And you know who is waiting in the water!</p> <p>4482 GEOMETRIC COORDINATES<br/>Beautifully done graphics make this program a winner. It tests beginning Geometry students on their understanding of coordinate placement and use. It all becomes so clear!</p> <p>4483 SHAPE SEQUENCE IQ TEST<br/>A very sound and well-written program. Not so much a test as a learning tool. Teaches children patterns and sequences by having them guess the next in a series of geometric shapes. It is a worthwhile program for parents to own.</p> <p>4484/1 TUTORIAL TYPING (Ex, Mem, DO, SS)<br/>4484/2 This is a series of three very complete and just about<br/>4484/3 professional level programs to learn and practice typing on the TI Home Computer. Highly recommended for anyone who wants to become proficient in keyboard use. Each program is sold separately. #1 --tutorial lecture. #2 --drill and practice session. #3 --recap and test.</p> |
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## BUSINESS & PROFESSIONAL

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5400	FINANCIAL MATH (BA) We think this is our best program for working with interests or annuities.	5433	LOG This program makes logarithms simple.
5402	RECEIPT EXPENSE (Pr) By using data statements you can file your receipt expenses on tape or disk.	5434	RECORDS (DO) Program offers many search features and can be used as an accounts receivable program.
5403	DERIVATIVE OF FUNCTION L. Poole and M. Borchers' BASIC programs for your 99/4.	5435	CHISQUARE This is a great chisquare program.
5404	LINEAR REGRESSION Another Poole program.	5436	INTEREST PROJECTOR Project interest on any account.
5406	*ADDRESSES (DO) File hundreds of names, addresses and phone numbers on a single disk.	5437	*1040 FORM This program completes form 1040 and schedules A,B,&D.
5407	*CHECKBOOK #1 (TO) A checkbook record keeping system that you can save to tape. Excellent programming job.	5438	*ALPHA NUMERIC This program can be used by itself or as part of a larger program. It will sort any set of names of letters alphabetically.
5408	ESTATE (Pr) This program does securities. Evaluation for estate tax purposes. A must for attorneys.	5439	CHRISTMAS-LIST By using data statements, keep an accurate record of your Christmas card list.
5409	STOCK RECORDS (Pr) List transactions, holdings and the P/L on a stock. This program uses data statements for storage.	5440	COMPARE Compares prices of similar products from different manufacturers and computes the percentage difference.
5410	SANDWICH SHOP This money handling program could be adapted to any retail business.	5441	COMPARE/PTR (Pr) The same as the compare program but will allow the use of a printer.
5411	STOCK TREND AND REPORTS (DO, Pr) A very professional programming job. Anyone who has a disk system needs this one.	5442	DECISIONS By assigning different weights and values this program makes decision-making a snap!
5412	THERMAL PRINTER TEST (Pr) This program will test your TI thermal printer.	5444	DEDUCTIONS (Pr) A program that allows a printed record of standard tax deductions. A terrific time-saver.
5413	HAM FILE A file that searches by name or call sign for amateur radio operators. It also has a sort feature.	5445	DIRECTORY (SS, SE, Ex) A good programming job on this one! By using data statements store useful information in directory form.
5414	P.E.R.T. Program Evaluation and Review Technique. This program evaluates job completion times.	5446	INCOME/AVE. This program prints and records all information pertaining to income and expenses, then it will compute all figures for tax purposes.
5415	C.P.M. Critical Path Method. Used in conjunction with the P.E.R.T. program.	5448	INV-VALUE Will compute the future value for any investment purchased.
5416	AUTO EXPENSES (TO) This program tracks ongoing auto expenses for up to 3 cars. Data can then be saved on tape.	5449	INVEST? Super program for computing investment decisions. Analysis given investment with or without capital gain; computes the tax on investment and gross profit while giving consideration for the inflation rate.
5417	HANDICAPPER A program that helps in handicapping the ponies at the track.	5450	MED-EXPENSE Program keeps a running total on all medical expenses incurred in a year. Convenient around tax time.
5418	WORD PROCESSING (Pr) Allows upper and lower case and editing features. Adaptable to most printers.	5451	PULMONARY TEST Excellent program for computing pulmonary functions of patients in both industrial or non-industrial climates.
5419	MOST ANYTHING YOU NEED TO KNOW REGARDING LOANS.	5452	STATEMENT (Pr) Using an RS232 type printer, you can design and print business statements.
5420	CONVERSIONS This program will convert all metric functions.	5454	DATA BASE #1 Includes loans, CCI and a checkbook balance.
5421	CHECK SORT By listing checks in data statements you can sort by number, alphabet or amount.	5455	*HOME BUDGETING (Pr) This program tracks household budget items, then gives a printed result.
5422	SORTS Program produces a normal distribution sample of up to 1500 positive integers according to your demands.	5456	FUZZY DECISION MAKING Another decision making program that allows you to weigh the importance of hard-to-reach decisions. A well thought out program.
5423	*AMORTIZATION SCHEDULE Gives interest and principals for any loan.	5460	LIFE EXPECTANCY Do you wish to see how long you will live? Get this one and find out.
5424	ANNUITIES Gives future values of regular deposit annuities.	5461	EQN This program solves a set of simultaneous equations. Great for high school or college algebra students.
5425	CONVENTIONAL LOAN ANALYSIS (Pr) You input the interest insurance, etc., then get a printed copy. An outstanding program.	5462	FINANCIAL PLANNING HELPS An excellent program which includes compounding on deposits or lump sums, monthly accumulation, and annuitized retirement plan.
5426	*HOUSE INVENTORY Use data statements to inventory your household goods.	5463	FLIGHT PLAN A must for all of you aviation buffs. Set your longitude and latitude, air speed, wind, and learn all the facts.
5428	DEPRECIATION SCHEDULE This is all you need to depreciate anything.		
5429	HOUSE COST (SS, SE/Ex) Program helps you design a house, then cost it.		
5430	INSTALLMENT PAYMENTS Figure what installment payments are to be.		
5431	STOCK TRANSACTIONS Use data statements to track stocks. An excellent program.		
5432	CHECKBOOK BALANCE (Pr) The easy way to balance your checkbook.		



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5464	THE CHURCH TREASURER By using data statements in this program, a church treasurer can track monthly disbursements in five broad categories. A good program!	5486	STOCK COMMISSION 99/4 Only, (Ex) A well done program that estimates commissions and determines stock gains and losses.
5465	*RECORD FILE (DO, Pr) With the use of a data disk, store many different name and address files with other pertinent information. A great program to learn file handling from.	5488	*THE INVESTOR (Ex, Mem, DO, Pr) A superb program that is extremely flexible and useful for anyone who has stocks. Program is near professional level of programming. Worth having even at a \$50 price.
5466	TREND LINE ANALYSIS This program calculates slope and values you input for tracking stocks, bonds or commodities. You can store the values in a file, and optionally list the array contents or slope values on a printer. A very well thought out program.	5489	THE BILLER (TO) Maintains credit history and account information for a small business. Files stored on cassette for later use.
5467	MAIL LIST CND #3 (DO) Using the TI disk based mail list program, you can see the data as it is condensed and sorted.	5490	BID PROJECTOR (Ex) A useful program for the small businessman. This one projects costs, job costs and creates bids on jobs. A good evaluation tool.
5468	MAIL LIST SEARCH-PRINT (DO) For use with the TI mail list program. You can search a name, then immediately print a label. An excellent tool for those of you who use the mail list.	5491	COST EFFECTOR A useful program that calculates cost effectiveness of quantity ordering based on turnover, price breaks and maintenance costs. It can help you save money in your business.
5469	PRINT RIGHT Having trouble lining up your decimal points? Then here is a great little subroutine for you.	5492	RAFFLE TICKET PRINTER (Pr) For a church group or parent's group you can print out your own raffle tickets for whatever occasions. Tickets are numbered.
5470	DOCTORS BILLING SYSTEM Can be adapted to almost any doctor or dentist office. The program offers a printed statement for all services rendered and presents the patient with current and total charges.	5493	INTEREST/DEPRECIATION SCHEDULE Prepares interest or depreciation schedules based on data you input to program.
5471	LABELS (Pr) Using an RS232 type printer, make your own personalized mailing or shipping labels.	5494	INVESTMENT COUNSELOR (DO, Pr.) A comprehensive program and complete program designed to aid you in all of your investment decisions and record keeping.
5472	INTEREST PROJECTOR By using a given date and amount, this program projects interest on either a simple or compounded basis.	5495	THE TAXMAN (DO, Pr) Prepares all entries for form 1040. Works with itemized deductions of all sorts. Most helpful at tax time.
5473	REGRESSION (Ex, Mem, DO) This program provides simple linear regression, multiple linear regression, DTN-order regression, Geometric regression, and Exponential regression. A very well written program and most useful.	5496	ITEMIZED DEDUCTION WORKSHEET (TO) An itemized deduction worksheet that stores your data on tape. You may alter the data at any time and keep your records current.
5474	LOAN TREND ANALYSIS (Ex) An excellent program dealing with loans and interest options.	5497	FINANCIAL WORKSHEET (TO, Pr) A financial planner and worksheet. Store data on tape and have a printout at any time. Very useful in many applications.
5475	EMPLOYEE PAY CHART Enter employees' names, hours worked, hourly rate and the proper percentages for state, federal and FICA withholding, and the computer will figure the required deductions to be made.	5498	PERSONAL BANKER (DO) Keeps a record of finances. Can make sample calculations and handle and update records on checking and savings account data. A well written program.
5476	STATEMENT ANALYSIS From any corporate financial statement you can use this program to check on its financial health. A very good program that goes into some depth.	5499	PAYROLL CLERK Calculates payrolls with all deductions for business use. Includes information on overtime. Different tax withholding ranges are automatically calculated. Can be modified to print checks on a printer.
5477	OPERATIONAL COSTS Designed for a person who has investment property. Feed in mortgage cost, insurance and other expenditures to inform as to actual operational costs.	5500	FINANCIAL HEALTH Checks and tracks trends on the financial health of a company up to a 10-year period. Data generated on information available from company annual reports. A very useful program.
5478	COSTING Enter overhead costs, enter all fixed and any variable costs. The computer will complete job costing for you. Could use some instructions.	5502	ACCOUNTS FILE (DO) Maintain, update, change records on up to 25 different accounts with up to 15 different categories. Most useful for rental property owners. Can be modified in many ways and is very flexible.
5479	FINANCIAL RATIO A simple program to compute current ratio, acid test, net profits on sales, investment, etc. Also helpful in critiquing your investment turnover and return.	5503	AUTHORITY FOR EXPENDITURE (Ex, Pr) Prompts for gas or oil well information and 69 categories to create an Authority for Expenditure.
5480	INVESTMENT CALCULATOR An excellent program that calculates 8 different financial sets. Future value, investments, loan balance, loan term and your amortization schedule.	5504	LIFE CYCLE COSTS (Ex, Mem, DO) An extremely complex and thorough program for determining life cycle cost of equipment for industrial plants. Originally written for Air Force use and can be modified for other uses. Has a built-in tutorial.
5481	EXPENSE ACCOUNT Allows input of all daily business expenses, then gives a weekly summary and totals. A good program that, with a little work, could be a great one.	5505	PAYROLL RECORDER (Ex, TO) A very complete program to maintain a payroll and save the data. This program can be easily modified for use with disk. Many different calculations are allowed.
5482	GENERAL INVENTORY (DO) Stores up to 200 items. Tracks item number, description, number on hand, cost, location, class and selling price. A real bargain for \$3 or on exchange.	5506	CATALOG (Ex, Pr) This program is used to create and then print catalog sheets for a business. Can be adapted to other uses.
5483	BREAKEVEN (Ex) Enter variable and fixed costs, and computer will calculate total costs and breakeven quantity. Good instructions.	5507	WORKSHEET (Ex) This program gives you a "spreadsheet" to work on figures in a 12 row by 4 column matrix. Quite useful for inventory, etc.
5484	COLUMNAR PAD (Ex, Pr) This program reproduces a columnar pad with a descriptive column and seven numerical columns. A very useful program for many business situations.	5508	EXPENSE JOURNAL (Ex, Mem, DO, Pr) A fantastically complete program for the salesman or business man on an expense account. Keeps and prints records on a day to day, week to week and year to date basis. Indispensable for maintaining business and tax records.
5485	BARGRAPHER II A rather fundamental bargraphing program that can be reworked quite easily and inserted into other programs.		



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| 5509 | GLASS ESTIMATOR<br>A program for a person in the glass business. Creates estimates for all types and sizes of glass both on a wholesale and retail basis. Adaptable to other uses.   | 5525 | ESTIMATED TAX ANALYZER (Ex, DO, Pr)<br>This is a very complete program to work on estimated tax for 1983. It gives a well-formatted printout of calculations so you have the hard copy available immediately for review.  |
| 5510 | MINI INFO-STATS (Ba)<br>Creates lists or graphs of two elements for comparison purposes on different bases. Several options enhance the program's versatility.   | 5526 | TEXT EDITOR (Ex, DO, Pr)<br>A very usable text editor that is nicely written for use in letter writing or generating other text. Although a bit limited, it is a fantastic bargain as are the other text-editors in the library.  |
| 5511 | BAR-GRAPHER<br>This program creates bargraphs of your data in any easy-to-view format. The program will automatically adjust scale if you desire and also display totals and averages of data. A very useful item.   | 5527 | GRADE POINT AVERAGER<br>Figures a student's grade point average and updates it immediately.   |
| 5512 | LIGHTING FACTORS<br>This program stores data in data statements to generate information about all lighting factors in various rooms. Most useful for building or rental property owners.   | 5528 | LOAN PACKAGE<br>This program will calculate future values, interest, interest rates, present values, and time periods of loans.   |
| 5513 | AUTO-GRAPH (DO), Listing not available<br>A very complete and useful program for anyone needing bargraph presentation of data. You can have up to 10 different files in memory at one time and 52 items of data for each. Comes with a sample data file AND printed instructions. Use to graph stock or bond prices, interest rates, weekly expenses, utility consumption or test results with a fixed base. | 5529 | THE FARMER 99/4A Only, (Pr)<br>An excellent program for farmers. It calculates the layout of acreage and the payback on USDA ASCS programs. Then it prints a detailed report.   |
| 5514 | SECURITIES PORTFOLIO (Ex, Mem, DO, Pr)<br>A well done and complete program for maintaining all sorts of records on your stock portfolio with a printout of all the most up to date information about it. Enormously broad in coverage.   | 5530 | PLOT & SAVE (Ex, Mem, DO, Pr)<br>A marvelous and professionally done program. With it you can create "military" graphs on your printer for any data you input. Program comes with 3 data files as samples.  |
| 5515 | PORTFOLIO ANALYSIS<br>A great auxiliary to #5514, it does a complete up-to-the-minute analysis of your portfolio for gains, losses and trends.   | 5531 | CROPMASTER<br>This program for the farmer figures the cost per acre per item, total investment and expected profit from planting different crops.   |
| 5516 | THE LAST HOUR (Ex), Listing not available<br>This is a very useful program for those needing to store information on stocks and the market. All data for one year is stored in data statements in the program and may be changed at any time. The program offers many options for stock tracking, including several different graphics modes for the D.J.I.A. A must for investors.                          | 5532 | BUSINESS FORECASTING<br>This is a statistical program for business. It contains 3 easy to use programs with forecasting techniques based on Least Squares Regression, Moving Averages and Exponential Smoothing. With data for uniform time periods almost any activity can be projected.   |
| 5517 | STOCK LISTER (Ex, TO)<br>With this program you can create a tape data file of all the stock in your portfolio and update or review the data at any time.   | 5533 | CHECK LEDGER (Ex, Mem, DO, Pr)<br>This maintains a file of all checks written on any of 18 categories that you name. Files are created in blocks of 100 records. On command you may have a professional printout of all data.   |
| 5518 | COMPOUND INTEREST WORKSHEET (Ex)<br>A very good program for working with data on interest in finances. Easy to manipulate data and see instant results.  | 5534 | COSTCALC (TO)<br>This cost to complete calculator allows you to keep track of the finances of any project. It allows for tracking costs in up to 10 categories. At any time the budget is analyzed and gives the to-date total amount spent, amount of budget remaining and the projected balance or cost overrun at completion.  |
| 5519 | WORD-PROCESSOR (Ex, Mem, DO, Pr)<br>This is an upgraded Extended Basic version of #5418. As it stands the program is set up to use the Smith-Corona TP-1 but you can change the printer controls in the program to match your printer.   | 5536 | GEMSTONE APPRAISAL (Ex, Pr)<br>A well written program for the gem dealer or gemologist. After input of your data, it gives an appraisal and a hardcopy printout for your files or for presentation to a customer.   |
| 5520 | TEST SCORE ANALYZER<br>This is an extremely well written and versatile program that is a must for teachers. You can analyze test scores using 6 different options to find percentile rating, ratio to 100, average grade or median grade. Frees the teacher for more useful activities.  | 5537 | INVENTORY CONTROL (TO, Pr)<br>This program stores data files on cassette and is designed for the small business owner. Tracking of number in stock, number sold, turnover and low inventory warnings are quite easily handled. Data can be presented on printer or on screen in either tabular or graphic format. Very well done. |
| 5521 | LOAN CALCULATOR<br>With this program you can find any of the four common variables associated with loans based on any three known values.  | 5538 | LAW CASE RETRIEVAL (TO)<br>Requires two cassette recorders<br>For the attorney who needs to file summaries of cases for later reference. Cases can be summarized and filed under a variety of categories for later retrieval, study and cross-reference. TWO cassette recorders are required. An edit feature is also included.   |
| 5522 | STOCK PRICES-MOVING AVERAGES<br>Another very good program for keeping track of your stocks. It calculates the moving averages over a ten week period. Well written.  | 5539 | PAYROLL/PERSONNEL (Ex, DO, Pr)<br>A professional record keeping program of employee data and payroll history. The system automatically updates itself completely whenever new data is entered. Prints out complete personnel records. The only thing it doesn't handle is automatic printing of payroll checks.                   |
| 5523 | CASH ASSETS<br>Now it will be easy to keep records on all your cash assets with the well written program. Data will be stored on tape for future recall, review and update.  | 5540 | FINANCIAL MATH (Ex)<br>This is a new Extended Basic version of program # 5400.  |
| 5524 | TIME PAYMENT COMPARATOR<br>With this program it is a snap to figure the best way to borrow money. You can compare a loan against borrowing from your savings or CD's. Program tells you the exact money differential.  |      |   |



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| <p>5541 FEEDER PIG ANALYSIS 99/4A Only<br/>           For the hog breeder, this program sets up your budget for purchase of stock and feed. It then projects costs based on your desired profit. Should be a great time and money saver.</p> <p>5542 TINYPLAN (Ex)<br/>           A mini-spreadsheet for 99/4A users. It has no instructions but it is not difficult to figure out. It calculates interest along with the full range of math computations. It even will calculate delta percent on the spreadsheet you create. Very well done.</p> <p>5543 NITROGEN NEEDS<br/>           Specifically for the corn farmer. This program will determine the nitrogen needs for your crop and then project costs based on your data.</p> <p>5544 P.E.R.T. II<br/>           A new version of the PERT program in a new format.</p> <p>5545 LE BON MOT (Ex)<br/>           A very well laid out and organized program for word-processing. Call it a French word-processor since it is all in French. Do not expect to type in English and have it translated for you. That is something you will have to do on your own!</p> <p>5546 ILLUMINATION FACTORS<br/>           This program is designed for a lighting business. It deals with all the factors of illumination for several types of fixtures and lighting systems and calculates best configurations based on the needs of your customer.</p> <p>5547 TRAVEL EXPENSES (Ex, DO, Pr)<br/>           Designed for the traveling business person who must keep a detailed record of all travel expenses. It is a very well laid out program that will give you weekly and year to date totals. Program also provides for a detailed printout in report form.</p> | <p>5548 LAMB SCORING 99/4A Only<br/>           For the sheep rancher, this program will predict weights at various stages of development so that the rancher has a better control of expenses and can project profits over time.</p> <p>5549 WEAVING CALCULATOR<br/>           A program designed for use by those in a custom weaving business. Use it to calculate costs for various projects and then project the charges for it with profit markup included.</p> <p>5550 STUDENT SCORING SYSTEM<br/>           For teachers to manage grades for students throughout the year. The program eliminates the drudgery of figuring averages and scores for a whole class. With data stored on disk it is easy to carry data forward to a next year or semester. Many different options make for a quite versatile program.</p> <p>5551 MESSAGE GRAPHS**<br/>           With this program you may create message screens (up to 5) and then intermix the text with either point or bargraphs of any data you wish to present. Once input is complete the material will be presented on screen in a continuous format. Would be good for in-store advertising tied in with a demonstration. Unfortunately, there is no way to store your data once you have created it.<br/>           **THIS IS A PUBLIC DOMAIN PROGRAM AND WAS DONATED TO THE USERS' GROUP LIBRARY BY TEXAS INSTRUMENTS.</p> <p>5552 BONDS (Pr)<br/>           As in "Stocks &amp;", this program compares the data on up to 30 bonds. It then sorts them and prints out a report for you.</p> |
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## ENGINEERING

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| <p>6001 MOHR'S CIRCLE<br/>           This program is used to find stress shafts, beams, etc. This can be used in both mechanical and civil engineering.</p> <p>6002 FFT 256 FFT POINT PROGRAM<br/>           Input required 256 real quantities in the time domain. Output consists of 128 points in the frequency domain between 0 hz and 1/2 the sample data rate (hz).</p> <p>6003 ANTENNA<br/>           This program is based on the phase-vector summation of ideal halfwave dipoles as seen from a great distance. This program allows you to see a good representation of the approximate field pattern.</p> <p>6004 DATA FORECASTING DIVERGENCE<br/>           Simple program that delivers total errors, total absolute errors, squared errors, mean errors, etc.</p> <p>6005 TEMPERATURE CONVERSION<br/>           Converts any temperature to Fahrenheit, Celcius, Reaumur, Kelvin or Rankine.</p> <p>6006 BLACK BODY<br/>           By inputting temperature, wavelength, and increments of wavelength you can find the radiant emittance of watts/cm<sup>2</sup>.</p> <p>6007 CIRCUITS<br/>           This program computes the total resistance of both series and parallel resistance circuits.</p> <p>6008 STATS<br/>           This program will calculate basic statistics - sample, size, mean, standard deviation, and estimated percent high and low of the population. The 3-sigma limits, the 6-sigma spread, the 8-sigma spread and if you have a printer, it will plot your histogram.</p> <p>6009 ELECTRONICS<br/>           This program supplies several useful functions. Resistors in parallel, capacitors in series, resonant frequency, frequency and wavelength. Ohm's law and antenna design.</p> | <p>6010 3-D PLOT (Ex)<br/>           Extremely slow but EFFICIENT. Define the function you wish in line 5, and watch the computer go to work.</p> <p>6012 BORE<br/>           This program calculates an orifice bore diameter for a specified pressure drop in a given liquid pipe flow.</p> <p>6013 CROSS CORRELATION FOR CURVES (Ex)<br/>           This program does a cross correlation between two given curves through use of the least-square method.</p> <p>6014 HARMONIC CURVE FITTING (Ex)<br/>           Program performs a fourier analysis on a set of input prints representing a set of cyclic curves.</p> <p>6016 ALTERNATOR &amp; TRANSFORMERS (Ex)<br/>           Computes percent voltage regulation for transformers or three phase alternators.</p> <p>6017 MATRIX 99/4 Only<br/>           This program allows you to manipulate rows of a matrix when performing Gauss-Jordan eliminations.</p> <p>6018 CURVE/FIT (Ex)<br/>           This program will interpolate intermediate data points from cartesian coordinates you input, and optionally plot them on your screen. Higher mathematical knowledge desirable.</p> <p>6019 AC/VOLT<br/>           This program converts between peak, effective, and average voltage.</p> <p>6020 AMP-CIRCUITS 99/4 Only, (Ba)<br/>           Computer aided amplifier design using the 301A JC. Enter frequency response and gain. The computer "draws" the schematic diagram, computes component values, and figures tolerances.</p> <p>6021 POWER 99/4 Only.<br/>           Inputs your power supply and filter specifications and determines component values.</p> <p>6022 REACT 99/4 Only<br/>           Performs numerous calculations dealing with reactive circuit components.</p> |
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| 6023 | ELECTRONICS SOLVER<br>This program can do computations in nine different areas of the field and save you a lot of time and work. Well thought out.  | 6049 | UNIVERSAL TIME<br>Converts universal time to local time for all time zones in the USA.   |
| 6024 | ATOMIC WEIGHT CALCULATOR<br>A useful aid for the chemistry student in determining the atomic weights of any chemical compounds.   | 6050 | POLYNOMIAL CURVE<br>Calculates polynomial curves by method of least squares for up to 100 points.  |
| 6025 | STATISTICAL ANALYSIS<br>A set of two programs combined into one. Used for analysis of random block design. Using data statements you can customize it.  | 6051 | CONVERSIONS II<br>Another fine conversions program which does conversions on temperature, mass, length, volume, angles, energy and pressure.   |
| 6026 | MOVING TIME-DATA<br>Computes averages of moving time-data.  | 6052 | MATRIX DETERMINANT EVALUATOR<br>Calculates the determinants for 2x2, 2x3 for 2x4 matrices.   |
| 6027 | TRIGONOMETRIC CALCULATOR<br>Turns your TI 99/4(A) into a complete calculator to solve all sorts of problems in trigonometry.  | 6053 | VECTOR ADDITION/SUBTRACTION<br>This program does addition or subtraction of vectors in either polar or rectangular format.   |
| 6028 | NEWTONIAN INTERPOLATOR<br>Performs Newtonian interpolations in a snap.  | 6054 | PARABOLIC REFLECTOR<br>This program calculates beam width, focal point of the reflector and length of gain for those interested in building one by yourself.   |
| 6029 | ANTENNA ALIGNER<br>Performs all calculations for aligning antennae relative to satellite location.  | 6055 | AIRCRAFT DESIGN (Ex)<br>Most of the pertinent factors important to sound aircraft design are calculated by this program. It appears to be quite complete and well done.  |
| 6030 | MULTIPLE REGRESSION ANALYSIS<br>A program to work on multiple regressions with the aid of the 99/4A.  | 6056 | MINI-MUF 99/4A Only<br>This program computes the Maximum Usable Frequency for a communications path between any two points on Earth for a given day of the year. Output on screen gives MUF for each hour of the selected day in Universal Coordinated Time. Ham radio operators should snap this one up.  |
| 6031 | 555 TIMER CIRCUITS<br>Solves for time-component values in 555 timers.   | 6057 | MOON WATCH (Ex)<br>This calculates the position, size, phase, and distance of the moon in addition to predicting lunar eclipses. This can be used with the data received from program #8003.   |
| 6032 | DECIBEL CALCULATOR<br>Solves for unknowns in dB, voltage and power ratios.  | 6058 | NCS OP-AID 99/4A Only<br>A great help for the ham radio operator who is a Net Control Static. This program provides a scratch pad for listing check-ins and then matches up traffic listings with call signs and cities. It will also list outstanding traffic, look up any given call sign or city, list all of the check-ins, edit and delete. Another must for the ham operator.  |
| 6033 | GEOMETRY CALCULATOR<br>Solves volume and area problems for most common geometric figures.   | 6059 | REGRESSIONS II<br>A quite complete program for work in regressions. Provides for simple linear, multi-linear, Nth order, geometric, or exponential regression with up to 23 data sets.   |
| 6034 | STATISTICAL ANALYSIS<br>A rather complete program to generate data in statistics from simple input of population and grouping information.  | 6060 | STATISTICS<br>Works with sample size, Mean Standard Deviation, 3 Sigma limit and 6 or 8 Sigma spread.  |
| 6035 | OIL WELL CASING DESIGN (Ex)<br>Two programs in one for design of 4.5" and 5.5" oil well casings. Automatically calculates what casing can be run with safety factors figured for each section of casing.          | 6061 | THE SURVEYOR'S HELPER<br>This is a very useful program for use in surveying work. It will calculate the error of closure or forced closure and will deal with up to 15 courses on any one traverse.  |
| 6036 | RESISTIVE ATTENUATOR DESIGN<br>Graphics representations of circuits help to make this program easy to work with in developing your data.  | 6062 | PLOTTER (Ex)<br>This is an excellent very professionally written program. It develops a high resolution dot graphics plot of the formula of your choice and then will give a full screen blow up of the plot.  |
| 6037 | FACTORIAL II<br>Quite complete program working with factorials of ANY integer.  | 6063 | OHM'S LAW<br>This is a handy program that solves problems for any data involving the use of Ohm's Law.   |
| 6038 | CROSSOVER NETWORK DESIGN<br>Develop data for building crossover networks for your speaker system.   | 6064 | POWER-CALC (Ba)<br>This is a series of three programs (each sold separately) that is most complete and well done. #1 deals with Power Supply Design for a Full Wave Bridge Rectifier; #2 is for a Zener Diode Regulator; #3 is for a Full Wave rectifier. After input of your data, the program does all calculations and presents them for review. It then gives you a hi-res drawing of the power supply design. Excellent! Program #2 should be ordered as 60642 and program #3 should be ordered as 60643. |
| 6039 | HYPNOTIC INDUCTION<br>NOT a toy or graphics demo. This is a screen pattern to be used as an aid in inducing a hypnotic state. NOT RECOMMENDED FOR USE BY PEOPLE WITH HISTORY OF VERTIGO, MIGRAINES OR EPILEPSY!!! | 6065 | 555 CIRCUIT ANALYZER<br>A 555 circuit analyzer that develops all operating parameters based on the data you input.   |
| 6040 | WIND CHILL FACTOR<br>Calculates the windchill factor after input of a couple of simple data.  | 6066 | LAGRANGIAN INTERPOLATOR<br>This program very quickly finds the function of one number to another based upon the up to 10 data pairs that you supply.   |
| 6041 | CLOSED LOOP SYSTEM ANALYSIS (Ba)<br>A good program for .. just what the name says.  |      |  |
| 6042 | PRIME NUMBER CRUNCHER (Ex)<br>A rather complete program functioning as a worksheet to deal with prime number problems.  |      |  |
| 6043 | STATISTICS TABLES<br>A very complete program in statistics developing data in probable permutations, Chi-squares, mean and standard deviation, moment, skewness, kurtosis and linear interpolations among others. |      |  |
| 6044 | COMET CALCULATOR<br>This program calculates the position of select comets for any given date.   |      |  |
| 6045 | *PLANET WATCH (Ex)<br>Calculates the position, phase, distance, angle, size and magnitude of any planet on any date.  |      |  |
| 6046 | FIBONACCI'S NUMBERS<br>Generates all Fibonacci numbers up to whatever number you request.   |      |  |
| 6047 | PIPING SYSTEMS ANALYSIS (Ex)<br>Calculates Reynolds number, friction factors and other data.  |      |  |
| 6048 | TELESCOPE SPECS (Ba)<br>Calculates telescope specifications and eyepiece requirements based on your data input. Graphic aids.   |      |  |



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## ENGINEERING

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6067	REACTOR KINETICS A commendably well done program working with nuclear reactor kinetics. All data can be constantly changed to view the effects of any change on all the other factors. Excellent program development.	6088+	HISTOGRAM (Ex, DO, Pr) A truly professional and excellent job of programming. This program produces histograms with an excellent printout format. It comes with 2 data files as samples for familiarization with the program's functions. The program is well written and very easy to use.
6068	HAM ANTENNA BUILDER 99/4A Only An excellent program for the ham operator. Generates all pertinent data for 10 different types of antenna.	6089	MUL/VAR/LIN/REG/ANA (Ex, DO, Mem) Full title is Multiple Variable Linear Regression Analysis and it will handle up to 164 cases with two dependent variables and 14 independent variables. Almost any conceivable variable can be created for use in this program. List end of program for other variables available.
6069	HAM LOG 99/4A Only This program is used to prevent contest log duplication. We're sure all you ham operators out there know the value of this better than we do!	6091	PLANETARY ORBITS Delightful graphics make this technical program a lot of fun. It will calculate the planetary orbits based on your data input, but it also calculates sunset for any date or location all done with animation graphics of the event.
6070	MATRIX INVERSION (Ex) This program returns the inverse of two dimensional square matrices.	6092	X-Y PLOT (Ex) Truly excellent layout and presentation of this graphic data plotting program. Up to 100 points can be entered and during view on the graph, you may turn on or off a grid overlay. A very flexible and versatile program.
6071	SOLAR CALCULATOR No, not the kind without batteries, but rather a very useful tool for astronomers. This program calculates the solar azimuth angle, solar altitude angle, intensity of the solar beam and the sunrise and sunset for any given day anywhere.	6093	MEDICAL LAB CALCULATIONS Well written program that should be a great aid in a small medical lab. You input the data and the program will do all the necessary computations on tests for electrophoresis, urine and hematology among others.
6072	SURVEYOR'S CALC (Pr) Gives a complete printout of a conversion of any number of tie lines to a single vector in land surveying.	6094	BOOLEAN TRUTH 99/4A Only This program creates a Boolean truth table for any expression with up to 28 variables.
6073	MICROWAVE A useful calculator program for those who work in the field of microwaves and related equipment.	6095	COILS Program calculates number of turns, layers, current, wire size of multilayer air core coils from regular inductance.
6074	HI-RES PLOT (Ex) An excellent program giving a full screen hi-res dot graphs plot of any formula you input. It will plot up to 200 points and is a wee bit slow but the results will be worth it.	6096	RADIO LOG (TO) Program will store 100 shortwave station records on cassette tape (easily changed for disk use). Records can contain the station code, start time, comments and 4 favorite frequencies. This is a very well planned and versatile program. It will display your records by time or by station.
6075	DISCUSSION OF THE CURVE (Ba) This is a high level programming job of work with curves that has many extras to make it quite versatile. Does med-res plots with blowups on any scale you input. Also does numeric calculations of integration on volume or area. Plots may be center screen or full left for a more complete graph.	6097	CONCRETE BEAM SCHEMATICS (Ba) Excellent program with excellent graphics will show the placement of bars and reinforcement in the construction of concrete beams.
6076	PNEUMATIC CONTROL This program does temperature and pressure calculations for pneumatic control sensors of many types.	6098	BEAM MOMENTS (Ba) Calculates beam moments and reactions from dead or live loads. Excellent graphics. Program can handle triangular or trapezoidal forms.
6077	ANTENNA ALIGNER FOR GEOSYNCHRONOUS ORBIT SATELLITES It's all in the program title!!	6099	DEFINITE INTEGRAL (Ex) For the calculus - this program will calculate the definite integral for polynomials, rational polynomials or the area surrounded by two polynomials. It will handle functions up to the 15th degree. Varying degrees of precision are available.
6078	ANGLE CONVERSION (Ex) Program makes conversion between angles, gradients, degrees, mils, radians and also does all temperature system conversions.	6100	ELECTRICAL FAULT CURRENT Program calculates the electrical fault characteristics for a variety of conductors in different conduits.
6079+	THE ASTRONOMER (Ex, DO) A very complete program for astronomy students or buffs. Handles all computations and record searches utilizing the TWO data files that accompany it.	6101	VOLTAGE DROP CALCULATOR Calculates either the conductor size or the voltage drop for a selection of wire sizes and types.
6080	LENSES A program for the optometrist. It does all classes of lens data calculations including obliquely crossed cylindrical lenses.	6102	STATSPAK (Ex) A nice little package for various statistical work. A well done program.
6081	LINEAR PROGRAMMING (Ex) Solves linear programming problems by Simplex Method for up to 13 variables with 13 constraints.	6103	CENTER OF GRAVITY 99/4A Only This center of gravity model program determines the stability of both round and rectangular objects. A time saver for those who need to perform such calculations.
6082	MOLECULAR WEIGHT (Ex) A very useful program that easily computes the molecular weight of all chemical compounds.	6104	DIGITAL LOGIC SIMULATOR (Ex) This is a fantastic program for anyone interested in hardware circuit design. Enter all your variable values for the logic gates and the computer will draw and trace the circuit for you. Excellent layout should prove to be an invaluable tool.
6083	COLORPLOT (Ba) An excellent program with medium resolution to plot a function of two independent variables with automatic scaling. Functions can be defined mathematically or as sets of data. Plot is done in full color on screen.	6105	ROOTS OF POLYNOMIALS 99/4A Only Works with polynomials within the order range of 2 to 36. Solves for real and complex roots.
6084	PLOT FOUR (Ba) Another excellent plotting program that can plot any 4 single value functions simultaneously. Plot is done in high resolution dot graphics with a choice of two screen sizes.	6106	FLUID DYNAMICS Program deals with all sorts of fluid dynamics power formulae.
6085	GRAPHS OF MATHEMATICAL FUNCTIONS (Ba) A fantastic program in this category. It gives a tremendous variety of options and a broad range of mathematical, scientific and technical applications are possible. You may plot anything from a simple sine wave to a Folium of Descartes. Printed instructions from the IUG available for \$1.	6107	BEAM STRESS ANALYSIS Handles computations on 4 different kinds of beam stress problems.
6086	SIMPLEX METHOD Another alternative Simplex Method program for solving Linear problems. Using Data Statements the data is easily changed from one application to the next.		
6087	EQUATION PLOTTER (Ba) This program will plot virtually any equation in rectangular or polar coordinates. It produces high resolution continuous plots.		



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- |      |   |      |  |
|------|---|------|--|
| 7001 | BUY OR RENT?<br>A helpful program that is good in decision-making when you don't know whether to buy or rent something.   | 7027 | HOME CHECK PROCESSOR (TO)<br>This program allows the user to file, sort, add, and manipulate all of your house checking chores. A very well done menu driven program that is easy to operate. Bill Tucker has created a program that should grace each 99/4 owner's library. |
| 7002 | CREDIT CARD MGT. (TO)<br>Keep track of your credit card charges with this program. It allows you to enter a new account, display or update, list all accounts and you may save or retrieve from your own data tape.     | 7029 | GAS & ELECTRIC USAGE<br>An excellent program for all 99/4 owners. By the use of data statements that you supply, you can create a bar-graph for consumed power. Programming technique is superb.   |
| 7004 | LISTS (Ba, TO)<br>An excellent program to store lists of birthdays, things to do, or other information either by use of data statements or cassette input. A good program; however, no instructions are available.      | 7030 | *PERSONAL FILE 99/4 Only<br>A file keeping system for your personal records. Files are saved and read from tape, editing and search capabilities are included. Easy-to-follow format.  |
| 7006 | *MAILING LIST (TO)<br>One of the best cassette-based mail list programs we have seen, it will add, delete, search and update names.   | 7031 | RECORD COLLECTION<br>Data statements are used to keep an inventory of your record collection. Records are displayed sequentially.  |
| 7007 | DIET MANAGER (DO)<br>In this disk only program, you create files to track weight control. An excellent program.   | 7032 | TRAINING CHART (DO)<br>A record keeping program to chart training progress. Could be modified for other purposes. A little short on instructions, but not too hard to figure out.  |
| 7009 | KITCHEN AIDS 1&2 (TO, Pr)<br>A two-part program that converts measures for recipes. An excellent program.   | 7034 | RECIPE<br>Creates a file for your favorite recipes and will allow you to view the instructions to prepare them. Stores recipes using data statements.  |
| 7010 | HOME PACKAGE<br>This three part program does value appraisals, mortgage amortization and buy/rent comparisons. A very well written program that is a must for all homeowners.   | 7035 | TV SCHEDULE<br>This program will store your intended TV viewing on data statements. You can then recall them by day or title.  |
| 7011 | EATS<br>By use of data statements in this program, you can pick the type of restaurant you wish to eat at, the type of entree, the price and location. A very useful program.   | 7037 | HEATING<br>This program determines the heating factors of your house. You can then try different improvements, and it will estimate your savings. A good program, but one problem: it references a map, but none is supplied.  |
| 7012 | LOAN COMP<br>A very helpful program that compiles loans by interest, years and amounts.   | 7038 | GAINS<br>Plan your savings. Enter starting amount, amount of deposit, number of times per year deposit will be made, average interest rate, and number of years. Screen will display a year by year projected savings balance.   |
| 7013 | 7 DAY CLOCK<br>This program features a seven digital clock, options for 14 write-in messages, 1 for each AM/PM segment, 5 programmable sonic alerts and top of the hour and half hour beeps.                            | 7039 | LIBRARY<br>Can't find a book when you need it? This program will catalog your collection by using data statements. It can search for books by author, title, subject, or key word.   |
| 7014 | AUTOMOBILE COMPARISONS<br>Shopping for a new car? This program compares several different automobiles and what true cost differences are.   | 7040 | FREEZER<br>Avoid food spoilage with this freezer inventory program. It will keep track of 115 contents, and expiration dates. It will also allow you to list them many ways.   |
| 7015 | YEARLY FACTS<br>This program allows the user to enter messages at any given calendar date, then recall the messages by simply typing in the month and day.  | 7042 | WINE INVENTORY (Ex)<br>Stores your personal wine data in data statements in the program and you have the information about your wine collection at your fingertips. Quite useful!  |
| 7017 | COOKIE FILE (Ex)<br>Use the 15 recipes that are given or change to create your own favorite cookies. This is a great program for anyone with a sweet tooth.   | 7043 | PERPETUAL CALENDAR/CLOCK (Ex)<br>A very professional job of programming, this program combines a clock and a perpetual calendar in one. Very well done.  |
| 7018 | HEAT AUDIT<br>Audit energy usages for the months of Oct. to May. This program includes predefined rates for most metropolitan cities. Fuel units can be entered in any energy form.                                     | 7044 | TRIPLE TIMER<br>Another winner from West Germany. This is a stop-watch, alarm clock and regular clock all in one. An excellent program that is very well done.   |
| 7019 | *COOL AUDIT<br>Audit energy usages for the months of April to Nov. A must program for the energy conscious Homeowner.   | 7045 | ANNUAL BUDGET<br>A very flexible program that will generate full year budget data in many useful categories. Should be most helpful in easing money chores and knowing where it all goes. Very easy to use and understand.   |
| 7020 | INCOME AVERAGING<br>An excellent program that lists amounts to be entered on schedule G of your 1040 form for taxes.  | 7046 | HOUSEHOLD BUDGET AID (Ex)<br>A useful adjunct to the Household Budget module, this program will prepare totals of all the Household Budget categories.   |
| 7021 | PAYCHECK MANAGER (Ex)<br>An excellent program which keeps track of your withholdings from your weekly paycheck. This program will be INVALUABLE at tax time.  | 7048 | CHECKS BALANCE PRINTER<br>Balances checkbook, sorts checks and gives a printout. It can be modified easily to use an impact printer.   |
| 7022 | BILL TRACKER (TO)<br>Excellent program for tracking monthly expenditures on credit cards, fixed and variable household bills. All data is saved to cassette for easy retrieval. A FANTASTIC program for record keeping. | 7049 | COOKIE FILE II<br>A TI BASIC version of #7017 for those who do not have Extended BASIC.  |
| 7023 | HEALTH TEST<br>Written by a physician who owns a 99/4 and based on government statistics, this program may hold the key to LONGER LIFE.   | 7050 | THE GROCERY LIST (Ex, Pr)<br>A great timesaver for any busy housekeeper. This prints a list of only those things you need. There is room for 999 different items. Prints lines for notes and comments. Lists quantities.   |
| 7024 | NUTRITIONAL SCOREBOARD<br>Choose from different food groups to find the nutritional value. Program offers an index and analysis section.  | 7052 | BUDGET CONTROLLER (TO)<br>A very complete and well written program for developing and maintaining budget data; easily adapted to disk use.   |
| 7025 | *FAMILY TREE II (Ex, Mem, DO)<br>This family tree program allows disk file storage of family members. Menu driven, it is easy to operate. An excellent programming job.   | 7053 | MENU PLANNER (Pr)<br>Using data statements, you can develop menus and then automatically print out a shopping list for them.   |
| 7026 | ANCESTORIAL FILE (Ex, DO)<br>Excellent program for maintaining disk files on complete family history. Menu driven and easy to operate.  |      |  |



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7054 MORTGAGE SPREADSHEET (Ex, Pr)  
 Will give a year by year printout of mortgage payments with a complete breakdown of principal, interest, and balance.

7055 HOME BUDGET SPREADSHEET  
 An excellent program in presentation and concept. Using a static screen display, you are given a spreadsheet for budgeting work and see instant changes in all data on changing input. Most useful.

7056 FURNITURE ARRANGER (Ex, Js)  
 Now rearrange your furniture the easy way--with a joystick! With this program you can move different pieces of furniture around to get the one you find most pleasing. Husbands, rejoice!

7057 DIET/RIGHT (Ex)  
 A most complete program for proper nutrition and diet. Gives a lot of data about daily needed intake, nutritional breakdown of food and recommendations.

7058 FUEL COMPARATOR  
 Does fuel comparison costs for different types of energy, including solar power.

7059 SAVINGS ACCOUNT NUMBER  
 A very useful program that figures interest earned between any dates you choose. It also updates for deposits and withdrawals.

7060 CHECKSCANNER  
 This program will handle data on your last 20 checks written. You can then scan them to read data based on your choice.

7061 DATEMINDER  
 A useful program to keep track of important occasions. You can store up to 50 items and then search for them based on data or the name of the occasion. Easily adapted to disk storage.

7062 MENUMAKER  
 A useful tool for the busy person. This program will create menus for you at will. Data is stored in data statements so you can change them to suite your particular food desires. A very flexible program.

7063 HOME ACCOUNT MANAGER (Ex, TO)  
 A very good program for maintaining home finances and accounts. You can maintain data for 12 separate accounts for one full year. As an extra, the program even has password protection to keep unwelcome eyes from seeing your data.

7064 EXPENSE TRACKER (Ex, TO)  
 This home expense tracker will maintain data on 20 separate categories for one full year. Data file is stored on cassette so you can recall, add, etc. at any time. A very good program!

7065 PERSONAL DIRECTORY (TO)  
 A truly excellent program both in concept and execution. This develops an address and phone number directory for home use. But also it sorts your data and alphabetizes it for you. Give it a try.

7066 AMORTIZATION  
 A well laid out program which figures home payments, interest and principal on any loan on a per year basis.

7067 HOME BANKER (Ex)  
 Use this program to reconcile your bank statements and keep track of any errors in your account.

7068 BURGLAR ALARM 99/4A Only  
 A truly novel and creative use of the TI 99/4A home computer. Using the joystick part and a few items you can turn your computer into a full time alarm system. Complete instructions are given in the program.

7069 HOME FINANCE  
 This program will help you to make decisions on savings or loan matters.

7070 FUEL COST COMPARISON Listing not available  
 This program compares different fuel costs to help you find the most economical means of heating your home. Energy sources included are oil, gas, wood, LPG, electricity or heat pump.

7071 UTILITY BILL ANALYSIS (TO), Listing not available  
 This is a wonderful program to keep track of what you are using and spending on utility bills. You can maintain data for up to TEN years and check on a month by month or year by year basis. It also computes use averages for your gas and electricity. With this program you no longer need wonder where your money is going for utilities.

7072 CUSTOM HOME BUDGET (TO)  
 A program that is most useful for anyone who wants long term tracking of income and expenditures. You create a tape data file of 24 different budget categories with special "Deductible" and "Expense" files. You can manipulate data to give you Month to date, Year to date, relative comparisons of costs and expenses over a set period. Very well thought out program.

7073 DAMPER MAINTENANCE (Ba)  
 This program teaches you how to maintain your furnace dampers for maximum energy conservation and efficiency. Easy to follow with nice graphics.

7074 AUTO LOANS (Ex)  
 A program that calculates auto loans over different periods and varying interest rates then shows you a comparison differential.

7075 POISON PREVENTION 99/4A Only  
 A program that is a very complete tutorial on poison-proofing your home. As stated in the program, this one should be used by everyone in the family BEFORE it's needed.

7076 HOUSEHOLD INVENTORY  
 This program utilized DATA STATEMENTS to store all your pertinent information about your household furnishings and possessions. It is quite versatile and with it you can list items by room, item, cost or items within a given value range. In each option you are given the appropriate totals for each category.

7077 CUTCALC  
 The perfect all-purpose answerer to the question, "How many pieces of this size can I get out of a piece another size?". All you have to do is tell it what you want and ZAP---there the answer. This is an invaluable tool for all sorts of home applications.

7078 HOUSEHOLD ACCOUNTS (Ex, DO, Pr)  
 This program tracks, stores, recalls, revises and prints household account data that are divided into 46 categories for a full 12 month period. Account entries are automatically totalled and prepared for review in compacted category format. Truly a great adjunct to home computer finances.

7079 MASTER INDEX (DO, Pr)  
 This is an excellent disk based program for establishing a base of 300 records. It has a built-in set of special symbols for use in management of your software. Records can be sorted for printing in your desired order. Very flexible and versatile AND easy to use.

7080 LISTS II (TO)  
 A very clear and easy to use program. It will create 100 pages (screens) of 20 lines of data each which can then be stored on cassette. Many types of editing of data are possible. Makes a good mini-data base.

7081 TAX ESTIMATOR (TO)  
 A very well done program that keeps track of your income. It will create up to the minute listing of Schedule A and the 1040 form. It shows refunds due and does automatic withholding calculations. Data is stored on cassette but can be adapted for use with disk.

7082 FINANCIAL CALCULATIONS  
 An excellent all-purpose program for many home financial calculations. It deals with home mortgage data, credit unions, investment growth and investment equity. It does check balances, budget calculations and sums and averages. Very worthwhile!

7083 HOME BUDGET ANALYSIS  
 This program will handle 29 separate accounts for home budgeting. It has an excellent layout and contains a complete set of built-in instruction. Among other things, it will chart comparisons between actuals vs. budget, balance vs budget or percentage vs budget.

7084 MAGAZINE FILE (TO)  
 This creates a data base to store data on magazine articles. You can store article name, magazine name, page number and date in each record. The program then sorts all your records by date for easy search. Easily adapted to disk and many other applications.



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8001	DECOMPRESSION CALCULATION A must for the scuba diver. Using workman model, find out what decompression timers are needed.	8025	ALTERNATING CHARACTER This will help you program motion into your graphics. You input two 4-character hex strings and they are alternately displayed.
8002	ELLIPTICAL ORBITS This program computes the position of any minor planet, given its orbital elements. Plus much more.	8026	2 X 2 A simple program which allows you to enter four characters as hex strings which it then interprets and displays.
8003	FULL MOON This program will compute the new and full moon cycle for any given year.	8027	BOWLER'S SECRETARY Listing not available A most complete record keeper for bowling team or league. Computes a great variety of data and stores it on cassette. Two programs.
8005	GOLF HANDICAPPING This program adheres to the USGA system as closely as possible. Establish your course rating, then enter previous scores up to 20 to find out your true handicap.	8028	DISK INDEXER Uses data statements to make a master of all your disks and what is stored on them. Very useful.
8006	*WORLD MAP This program will print a map of the world and allow the user to plot up to 28 latitude and longitude points. Very educational, very entertaining, very good.	8029	I-CHING CASTER Tosses the sticks for you and prints the hexagrams on screen. You then look them up in an I-Ching book for the meaning.
8007	CURRENCY CONVERT This program allows the user to convert currencies from one type to another and vice-versa.	8030	CONVERSIONS A utility program that is very useful for all sorts of conversions of temperatures, factorials, logarithms, coordinates, Nth roots, sound pressure, etc.
8008	MODEL ROCKET This program analyzes model rocket design from input statements. This program will also help in perfecting your rocket design.	8031	ASTROLOGER'S HELPER (Ex) Not a game or forecaster. This is a highly technical program used for calculating all the mathematical data for preparing a horoscope. Should be most useful for the serious horoscope preparer.
8009	CALENDAR If you want to find a date between 1600 and 2399, then this program is for you. Additional features allow you to print any calendar.	8032	ELECTION FORECASTER Based on data you provide as the precincts report in, this program will project and predict the outcome of the election.
8010	FOOTBALL RATING SYSTEM A nifty system for rating college or pro football teams with states provided by you. Information is saved on cassette for retrieval any time. Excellent program.	8033	JOURNAL This program provides a 10 page journal with 24 lines each to keep track of your activities. You can search either by page number or by date of entry. Data can be stored on tape or program can easily be altered to use disk. A very useful and well written program.
8011	MAIL PREP (DO) This program is a must if you are a Source subscriber. It allows you to create a letter file that can be easily dumped into source mail while using the TE II and a disk system. A most innovative program.	8035	SCOREKEEPER (DO), Listing not available This is a complete program for maintaining data on games played and scores of games. Lots of features.
8012	TE II LOG-ON FILE GENERATOR (DO) A great revision of TI's log-on file for the TE II. The program allows you to generate a new lot, load an old log, list, print, edit or store a log. A must for all Data Base users.	8036	BASIC PRIMER I A user version of "Teach Yourself BASIC" that is well-thought-out and quite clearly presented. Companion to #8037 below.
8013	SPRITER A very useful program that allows you to define four character sprites on the screen. It will then give you the 64 digit code for those sprites.	8037	BASIC PRIMER II The continuation of #8036 above. Both are extremely helpful programs.
8014	BASKETBALL STATS From Alabama comes this great Basketball Stat Program. An ideal score keeping chart to use during the games.	8038	HEXDUMP Gives a hex dump of memory contents on demand. Search any part of memory you want on a selective basis.
8015	BASKETBALL STATS PART II This program will provide stats for an individual player and scoring stats for his team. An excellent program.	8039	GRAPHIC DISK CATALOG (DO) Presents a catalog of files on disk with a graphics presentation of how much space each file occupies. Clearly done.
8016	ORBIT Based on the Polar Orbit of Oscar 8. This program prints out successive orbital equatorial crossing times and longitudes for satellites in Polar Orbit.	8040	MORSE CODE GENERATOR Creates the proper code at the touch of a key. Can be adapted to other uses in Morse code applications.
8017	BOWLING TEAM RECORDS (DO) A great bowling secretary program which allows the user to input week's scores, display team summary, input a new team member, and display bowler's records. Menu driven, this program is a must for the serious bowler.	8041	JOYSTICKS PLANS Graphics plans for constructing your own joysticks. Well done.
8018	SMOKER'S TEST A self assessment test that tells smokers why they smoke. A very thought provoking program.	8042	BUBBLE/SHELL SORTER A combination program giving you both bubble sort and shell sort. You can take out what you want and incorporate it into other programs where you want to do sorting.
8020	TITLE GENERATOR A super program that creates colorful title screens that can be transferred to video cassette players. An extremely useful program.	8043	THE PEEKER A program designed for merging with other programs. You can then use it to see contents of memory from within the program.
8022	WEATHER STATION This program draws a station model based on information you give it. Not a program for amateurs.	8044	REM REMOVER (DO) Will remove all REM statements from programs so that they will take up less memory space and run faster.
8023	SHRINK (DO) A must for the serious programmer, "Shrink" will do just what its name says. It reduces the memory needs of your program by removing all REMS, shortening all variable names, and replacing all "l"s with @, saving 2 bytes per "l". Total memory savings can be substantial.	8045	SOCCER STATISTICS Maintains records and statistics on a soccer team. Data is stored on cassette but may be adapted for disk.
8024	TAPE FILE Having trouble keeping track of all the programs on all those cassettes? This program will create an indexing file to keep them straight.	8046	CASSETTE FILE DEMO A short demonstration program that teaches you how to work with cassette files.



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8047 PROGRAM COMPRESSOR (DO)  
 A fantastic "MUST" for programmers. This program will take regular BASIC programs and convert them to multi-statement line Extended BASIC programs. Will also clean up "loosely" written Extended BASIC programs. Saves a lot of memory and storage space.

8048 CONVERSION TABLES  
 A multi-purpose conversion program dealing with bases, metrics, temperature, volumes, areas, etc.

8049 CROSS-REFERENCE (DO)  
 Another great utility of 3 programs in one that will give you a cross reference table of variables, line numbers or once-used variables to aid in debugging a program.

8050 BAUDOT SIMULATOR  
 Simulates a teletype punched tape of your input.

8051 CRYPTOGRAPHER  
 A useful program for encoding or decoding data and for learning about coding systems.

8052 ENIGMA MACHINE II  
 An excellent program for encrypting and decrypting messages and data.. A very useful and well written program.

8053 GOLF SCORE RECORDER  
 Use data statements to store a variety of data on course, date and scores. The program then sorts this data in several different ways and then computes the average.

8054 "FOG INDEX"  
 After just reading something, have you ever wondered what it was that the writer was really saying? This program will calculate the readability of a sample of text. Great to analyze those letters from the politicians. Programs give breakdowns of length of words, number of words and indexes readability.

8055 BASKETBALL STATISTICS  
 Scorekeeper and projector for using during the game. Quite well done program. \*

8056 FOOTBALL STATISTICS  
 Similar to #8055 but written for football.

8057 POWER RATER  
 Generates and prints power ratings for different sports teams.

8058 PRIORITIZER  
 Helps to make choices and decisions based on your input of priorities.

8059 APHORISMS  
 Running for something and need a catchy sign or saying? Then let this program do it for you. Some are absolutely hilarious!

8060 IRA COMPARATOR  
 A useful program for those with IRA's or contemplating one. This program gives you the differences in chart form of tax savings you can achieve.

8061 COMPUTER INVENTORY (DO)  
 Maintains a data file on all your hardware and software with updated totals. Can be used for other things too.

8062 JOGGER'S PACE CALCULATOR  
 This program calculates and projects the pace necessary for running different distances in different times.

8063 HARNESS RACING AVERAGER  
 This is quite complete and will generate racing time averages for up to eight horses.

8064 ARCHERY TEAM  
 Generates averages and team scores for archers.

8065 MILEAGE MANAGER (DO)  
 A marvelous program that is very complete and well written. You can maintain data files on your car's gas consumption based on your 10 latest fillups. Maintains complete statistics. A must in these days of high gas prices.

8066 LINE EDITOR (DO)  
 This is an extremely useful program for programmers. With it you can delete whole sections of program code without deleting it line by line. A great time saver.

8067 BANNERS (Pr)  
 Make a birthday card they won't forget. With this program you can print all sorts of banners for many uses. Well done.

8068 INKBLOT (Pr)  
 An interesting program to print out some "tongue-in-cheek" Rohrschach tests. The designs are novel and pretty and make a fun party activity.

8069 NFL STATISTICS (Ex, DO), Listing not available  
 This program comes with its own data file to maintain a complete file on NFL statistics and data. This is then used to make predictions of several types.

8070/1 YEARLY JOURNAL (Ex, Pr)  
 8070/2 These programs are absolutely excellent. With them you  
 8070/3 can create a yearly appointment calendar with each month  
 8070/4 on one 8.5 x 11" page. You will also have room to write notes in each day's box. Exceedingly well done programs have only one drawback - you no longer have an excuse for forgetting that important birthday!  
 Here's how to order:  
 #1 - also requires Ex. Mem. and is disk only. All you need.  
 #2 & #3 - are two halves of the program if you do not have Ex. Mem.  
 #2 & #4 - for people who do not have a disk drive or Ex. Mem.

8071 VITAL STATISTICS (Ex, TO(2))  
 A very comprehensive program to maintain a data file for all sorts of organizations or clubs. It includes a sort routine to keep all records in order. All clubs, social or church organizations need this one.

8072 MISCELLANEOUS UTILITIES  
 This is a collection of useful programs all in one. Functions include a sorter, carpeting estimator, depreciation, mortgage payment with varying down payment and a unit pricing calendar.

8073 GYMNASTICS TEAM SCORER  
 Maintains scores and records for up to nine gymnastics teams.

8074 LIFE (Ex, Mem, DO), Listing not available  
 A superb program of great use that calculates and predicts a person's life expectancy based on one's particular lifestyle. But what makes this different is the outstanding use and number of graphics in the program to entertain you while using it. A really creative approach to graphics enhancement of a program.

8075 METRIC CONVERTER  
 A very well written program to handle all sorts of metric conversions back and forth. Now you can be the only one on the block who knows what a femtosecond is!

8076 THE PSYCHIATRIST  
 Run this program and you have a private session with your personal psychiatrist. Loads of fun for groups to laugh over...or maybe even be serious about!

8077 BASEBALL STATISTICS (TO)  
 Keep all your important baseball statistics on a handy cassette data file. Re-input data at any time to make changes.

8078 CREDIT CARD INVENTORY (TO), 99/4A Only  
 This program maintains a cassette data file of all your credit cards and their activity. You may add, change, or delete data at any time. Stop paying for someone to keep the records; you can do it yourself!

8079 JIB SAIL  
 A sailor's Inventory program and locator for sails on a boat. Also covers deck hardware storage and location.

8080 PRINTER TESTER (Pr)  
 With this program you can run tests on all the special functions and modes of an Epson or TI Impact Printer. Easily adapted to use with other brands.

8081 SCREEN DUMP (Ex, Pr)  
 This program gives a dump of any screen display to the printer. Printout will be about 4X5" with a resolution of 480 dots per inch. You can merge this with any program to use whenever you want. Be forewarned, average printout time is about 50 minutes!

8082 PRINTER TUTORIAL (Ex, Pr)  
 An excellent tutorial program for an RS232 printer. As you learn from it, it prints the information out for you.

8083 COUPON CLIPPER  
 This program utilizes DATA statements to store all your information about discount coupons you are saving. A great organizer.

8084 THE ROMANTIC POET  
 You'll think that IT thinks. The program generates remarkable poetry.

8085 CATEGORY SORTER  
 A utility program that sorts names into various categories by using different codes.



Ba.....BASIC only  
 Ex.....Extended BASIC  
 SS.....Speech Synthesizer  
 SO.....Speech Synth. optional  
 Mem.....32K Memory Expansion  
 TEII...Terminal Emulator II

## MISCELLANEOUS & UTILITIES

DO.....Disk only  
 TO.....Tape only  
 S/E.....Speech Editor or Ex. BASIC  
 Pr.....Printer  
 Js.....Joysticks  
 E/A....Editor/Assembler

- |      |   |        |   |
|------|---|--------|---|
| 8086 | CHESSE CLUB DATA BANK (Ex, TO, Pr)<br>A great program that can be adapted to many other uses. As it stands it stores data, figures club member ratings, sorts data and then will print your club membership.  | 8102/1 | OBJECT CODE FOR 8102. Listing not available<br>Both program sold as ONE unit.   |
| 8087 | NAIA BASKETBALL STATS<br>A program for handling NAIA statistics.  | 8103   | BUBBLE SORT (Ex, Mem, DO), Listing not available<br>This is a demo and tutorial on how to use 8103B, an ASSEMBLY LANGUAGE sort routine. Program runs very fast on small batches of data.  |
| 8088 | THE SOFT FILE (Ex)<br>Using DATA statements you can store all the information about your TI software and modules. It is then presented in several categories.   | 8103/1 | OBJECT CODE FOR 8103. Listing not available<br>Both programs sold as ONE unit.  |
| 8089 | SORTING GROUP 99/4A Only<br>A utility program with 4 types of data sort: bubble, shell, gap exchange and breakdown (ripple) are given. You can store the sorted data on tape or recall data from another tape file. Most useful.  | 8104   | FREQUENCY COUNTER<br>Program will count the frequency distribution of all letters and diagrams used in any body of text.  |
| 8090 | KRYPTO (Ba)<br>A coding program with an excellent layout. You can encode or decode and have a static screen to work on with no annoying scroll. Very good programming job.  | 8105   | MINISAVER (Ba w/Mini Mem or Ex; Mem, DO, Pr)<br>Listing not available<br>An invaluable utility for programmers interested in the internal structures of the 99/4(A). With it you can dump the contents of MINIMEM to disk or vice-versa. You can also dump the contents of areas of memory to disk, run a printout for inspection and then transfer that data to MINIMEM. Should prove to be most useful.   |
| 8091 | PROGRAM SEARCH (DO)<br>A utility program of great value. You can LIST any program to disk and then search for the occurrence of any variable you want. A great timesaver in programming.  | 8106   | BASKETBALL STATISTICIAN** (Ex, Mem, DO, Pr)<br>Listing not available<br>This program module is a very complete basketball statistics records keeper. It prints out its own set of instructions for use. The whole module consists of the following programs in addition to the base program:<br>8106I the instruction program data file.<br>8106L instructions printer program.<br>8106J initialize data files program.<br>8106D sample data file.<br>***THIS PUBLIC DOMAIN PROGRAM WAS DONATED TO THE USERS' GROUP LIBRARY BY TEXAS INSTRUMENTS. |
| 8092 | DOTBAR<br>An interesting program that generates a variety of patterns on your TV set for alignment or adjustment.   | 8107   | COLOR TV TESTER<br>With this program you can test how well your TV set works. It runs eight different tests for height and width, screen, color purity dynamic convergence, screen/DR balance. Very well done with good instructions to tell you how to evaluate the tests.   |
| 8093 | ENCRYPT (TO)<br>This program provides for the encoding or decoding of messages with the use of a keyword that you supply. Your message is encoded and saved on tape. The Keyword is then destroyed so that no one can decode your text without it.  | 8108   | WEATHER DATA STATION<br>Using DATA STATEMENTS you store weather data for each or any date of your choice. Program gives temperature graphically in both Celsius and Fahrenheit and gives weather conditions. Excellent for anyone who needs to maintain such types of records.  |
| 8094 | BOWLING LEAGUE 99/4A Only, TO)<br>An extremely versatile, well-written program for bowlers that keeps up to 60 records. Data is stored on cassette for alter recall or update. Could easily be adapted to other team sports.  | 8109   | MINI-MEM LINKER (Ba w/Mini Mem)<br>Listing not available<br>A really useful program to store a data file of your phono records in the Mini-Memory to make it transportable. Can be adapted to many other data storage uses.   |
| 8095 | GOLF SCORE ANALYSIS<br>This is a very versatile record keeper for the golfer. With it you can calculate hole averages, handicap, and data hole by hole, round by round or for all rounds. This will surely keep all honest!   | 8110   | SPEECH SYNTHESIZER VOCABULARY (Ex, SS)<br>Program allows you to search thru resident vocabulary in Extended BASIC module. Good for programmers who want to develop programs using this speech facility.   |
| 8096 | FOOTBALL FORECAST (Ex)<br>This program computes and projects future scores of football teams based on past performance data that you provide. It not only predicts the winner but also by what point spread. Wanna bet!   | 8111   | MINI DATABASE (TO)<br>This program allows you to create a mini-database of various records and stores your data file on cassette. Can be adapted to use disk and can be changed and expanded on in format. A good way to "get your feet wet" in data base usage.  |
| 8097 | SKIS<br>A rather simple program that is quite useful for skiers. You tell it all about yourself and your preferences and it tells you just what kind of ski is best for you.  | 8112   | PHOTOGRAPHER'S HELPER<br>Thirteen categories of data useful to the photographer are available in this program. Data tells aperture and lens settings for all sorts of conditions from aerial to underwater photography.   |
| 8098 | PERSONAL BIOLOGY<br>Learn more about the health of your body with this program. Input data about your blood pressure, lung capacity and other data and it will calculate the REAL physical age of your body. Good to see what you should change in your lifestyle before it's too late!   | 8113   | VIDEO TAPE LIBRARY (TO, Pr)<br>This is database for maintaining records on your video tape library. It contains the full complement of facilities for sorting, deletes, changes, etc. You can also print out reports to have a hardcopy list for ready reference. Quite well done. Easily adapted to disk.  |
| 8099 | DISTANCE FINDER (Ex)<br>Based on input of latitude and longitude and your reference point you can calculate the exact distance to any point on Earth.   | 8114   | POINT SPREAD CALCULATOR (Ex, DO)<br>OK all of you high rollers in the Football pool. Here it is!! The author of this program claims accuracy in point spread prediction exceeding that of "the books in Las Vegas". After only a few weeks of entering a few lines of data, it should do wonders for you.   |
| 8100 | STAR TRAVEL (Ex)<br>Ever wonder how much younger you would be on return from a high speed space journey than if you stayed home? Here's how to figure the answer.   |        |   |
| 8101 | IDEAL WEIGHT 99/4A Only<br>An excellent programming job. Based on your input you can figure out what your ideal weight should be. Program also supplies you with a personal list of how your body uses calories over a wide range of activities.  |        |   |
| 8102 | HORIZONTAL SCROLL (Ex, Mem, DO)<br>Listing not available<br>This program is a tutorial and demo on how to use the accompanying ASSEMBLY LANGUAGE program 8102B. With this program, called through Extended Basic, you can have a very smooth horizontal scroll (ticker tape style) of any text on any screen line. 8102B can be called from any program with CALL LINK. |        |   |



# ALPHABETICAL LISTING

8054	FOG INDEX	5485	BARGRAPHER II	1493	CHARADES
5437	1040 FORM	4386	BASEBALL MATH	1502	CHARS D'ASSAUT
3243	12 DAYS OF CHRISTMAS	2100	BASIC DEMO	4471	CHART OF ATOMIC WEIGHT
8026	2 X 2	1462	BASIC POKER	5432	CHECKBOOK BALANCE
2160	3 SCREEN DEMO	8036	BASIC PRIMER I	5533	CHECK LEDGER
6011	3D PLOT	8037	BASIC PRIMER II	5421	CHECK SORT
1152	3D TIC-TAC-TOE	1473	BASKETBALL	5407	CHECKBOOK #1
6065	555 CIRCUIT ANALYZER	8014	BASKETBALL STATS	1251	CHECKERS
6031	555 TIMER CIRCUITS	8055	BASKETBALL STATS	1114	CHECKERS #2
7013	7 DAY CLOCK	8015	BASKETBALL STATS II	7048	CHECKS BALANCE PRINT
4379	A TYPING TUTOR	1099	BATTLE FOR IAPETUS	7060	CHECKSCANNER
3300	A/HUNTING WE WILL GO	1282	BATTLEGROUND	8086	CHESS CLUB DATABANK
6019	AC/VOLT	1142	BATTLERS	1205	CHICKEN #2
5502	ACCOUNTS FILE	1122	BATTLESHIP	1194	CHICKEN HELPER
3309	ACROSS THE FIELD	8050	BAUDOT SIMULATOR	5435	CHISQUARE
1150	ACEY-DEUCY	3397	BE STILL MY SOUL	1449	CHOMP
44171	ADDITION	6098	BEAM MOMENTS	2101	CHRISTMAS
4410	ADDITION PRACTICE	6107	BEAM STRESS ANALYSIS	3238	CHRISTMAS MUSIC
4305	ADDITION TEST	3337	BEATLES COLLECTION	2155	CHRISTMAS SCREEN
5406	ADDRESSES	3277	BETHOVEN'S 9TH SYMPH.	1463	CHUCK-A-LUCK
3370	ADELITA DE TARREGE	3256	BETHOVEN'S 5TH	2188	CHUG-CHUG
3320	ADESTE FIDELES	3250	BERCEUSE	3335	CHURCH CONCERT
4474	ADRIPT IN ALGEBRA	3215	BEWITCHED	6007	CIRCUITS
1279	ADVENTURE	1002	BIBLE 2	1005	CIVIL WAR
4365	AERODYNAMICS	4332	BIBLE BOOKS	4300	CLOCK
4385	AERODYNAMICS II	1331	BIBLE BUZZ	1238	CLONES
1456	AIM	4444	BIBLE GAME	1177	CLOSE ENCOUNTERS
1054	AIR AND SEA BATTLE	1001	BIBLE I	3362	CLOSE ENCOUNTERS
1098	AIR COMBAT	5490	BID PROJECTOR	6041	CLOSED LOOP SYSTEM ANALYSIS
1220	AIR TRAFFIC CONTROL	4442	BIG LETTERS	1263	CLUELESS
1520	AIR WAR	7022	BILL TRACKER	1044	CODE BREAKER
6055	AIRCRAFT DESIGN	1491	BINGO	6095	COILS
2207	ALABAMA	4485	BIOLOGICAL SYMBOLS	3312	COLOR BARS
3246	ALBUM-LEAF	4317	BIORHYTHMS	2142	COLOR COMBINATIONS
4369	ALGEBRA	4326	BIORHYTHMS	2139	COLOR CRAYON
1196	ALIEN	1401	BIRDSTORM	4301	COLOR CRAYON
1207	ALIEN 3	2170	BIRTHDAY GREETINGS	4359	COLOR FRACTIONS
1424	ALIEN BUSTER	6006	BLACK BODY	4319	COLOR MATH
1242	ALIEN DESTROYER	1151	BLACK BOX	8107	COLOR TV TESTER
1352	ALIEN RAIN	1334	BLACK FOREST	2119	COLORBURST
1101	ALIENS	1003	BLACK-JACK	1362	COLORCODE
4472	ALL ABOUT GEORGIA	1519	BLACKBOX XB	2191	COLORDRAW
1477	ALLEY CAR	1379	BLACKFISH	6083	COLORPLOT
3239	ALLEY CAT	1480	BLIND MAZE	2132	COLOUR
4318	ALPHA	1245	BLOCK BUSTER	5484	COLUMNAR PAD
5438	ALPHA NUMERIC	1485	BLOCK SWAP	6044	COMET CALCULATOR
4413	ALPHABET SOUP	1505	BOGGLER	5440	COMPARE
4320	ALPHANUMBER	1344	BOMB ADVENTURE	5441	COMPARE/PTR
1146	ALPINE SKIING	1153	BOMB SCARE	4351	COMPLETE SQUARE
8025	ALTERNATING CHARACTER	1274	BOMBS AWAY	5518	COMPOUND INTEREST WORKSHEET
6016	ALTERNATOR & TRANSFORMER	5552	BONDS	2209	COMPUDRAW
3353	AMERICA II	1109	BONKERS	8061	COMPUTER INVENTORY
3208	AMERICA THE BEAUTIFUL	3276	BOOGIE OOGIE OOGIE	3403	COMPUTER METRONOME
7066	AMORTIZATION	6094	BOOLEAN TRUTH	3325	COMPUTER XMAS CARD
5423	AMORTIZATION SCHEDULE	6012	BORE	3385	COMPUTORGAN
6010	AMP CIRCUITS	80271	BOWLERS SECT I	7085	COMPUTER BARTENDER
6020	AMP-CIRCUITS	80272	BOWLERS SECT II	1198	CONCENTRATION
7026	ANCESTORIAL FILE	8094	BOWLING LEAGUE	1510	CONCENTRATION II
6078	ANGLE CONVERSION	4370	BOWLING MATH	6097	CONCRETE BEAM SCHEMATICS
1055	ANIMAL	8017	BOWLING TEAM RECORDS	1407	CONNECT 4 (EX)
7045	ANNUAL BUDGET	2205	BOXES	1371	CONNECT BY FOURS
5424	ANNUITIES	1126	BOXING	1136	CONNECT FOUR
1202	ANT WARS	1423	BOXING MATCH	1149	CONNECT THE DOTS
6003	ANTENNA	5483	BREAKEVEN	3345	CONSTANTE
6029	ANTENNA ALIGNER	1390	BRIDGE GUARD	4421	CONSTELLATIONS
8059	APHORISMS	8042	BUBBLE/SHELL SORTER	5425	CONVENTIONAL LOAN ANALYSIS
1421	APOLLO LANDER	7052	BUDGET CONTROLLER	8048	CONVERSION TABLES
1403	APPLE TREE	1294	BUG SPRAY	5420	CONVERSIONS
1209	APOLLO	3254	BUGLE BOOGIE	8030	CONVERSIONS
8064	ARCHERY TEAM	3266	BUMBLE-BOOGIE	6051	CONVERSIONS II
2131	ARITHMAGRAPHS	2120	BUNNY	7017	COOKIE FILE
4437	ARITHMETIC DRILLS	3278	BUNNY MUSIC	7049	COOKIE FILE II
4406	ARITHMETIC WORD PROBLEMS	7068	BURGLAR ALARM	7019	COOL AUDIT
1431	ART AUCTION	5532	BUSINESS FORECASTING	1183	COOTIE
1065	ARTILLERY	7001	BUY OR RENT	1448	COOTIE XB
1441	ASSIGNMENT 46	5415	C.P.M.	1446	CORRAL
1221	ASTEROID	2167	CABOOSE	5491	COST EFFECTOR
1236	ASTEROID BELT	4435	CAI TEST	5534	COSTCALC
1416	ASTROBATTLE	2153	CALENDAR	5478	COSTING
8031	ASTROLOGER'S HELPER	4306	CALENDAR	44172	COUNTING
1267	AT THE RACES	8009	CALENDAR	4433	COUNTING
1297	AT THE RACES	1464	CALIFORNIA FREEWAY	3346	COUNTRY DANCE
2210	AT-AT	4346	CALL KEY	2201	COUNTRY RACING
6024	ATOMIC WEIGHT CALCULATOR	1045	CAMEL	8083	COUPON CLIPPER
1208	AUTOBAHN	4419	CAPITALIZATION PRACTICE	1339	CRAPS
5503	AUTHORITY FOR EXPENDITURE	4335	CAPITALS	1006	CRAPS
5416	AUTO EXPENSES	1306	CAPTAIN CRUNCH	1182	CRAZY CLOWN
7074	AUTO LOANS	1028	CAPTURE	1030	CRAZY LINES
7014	AUTO. COMPARISONS	4333	CAREER FILE INDEX	8078	CREDIT CARD INVENTOR
1096	AWARI	1004	CARS AND CARCASSES	7002	CREDIT CARD MGT.
1254	B-1 BOMBER	1336	CARWASH	5531	CROPMASTER
1213	BACCARAT	5523	CASH ASSETS	6013	CROSS CORR FOR CURVE
3209	BACH	8046	CASSETTE FILE DEMO	8049	CROSS-REFERENCE
3203	BACH #3 MINUET	1231	CAT AND MOUSE	1229	CROSS-WORD
3285	BACH RECITAL	5506	CATALOG	6015	CROSSOVER NETWORK
3368	BACH TOCCATA FUGUE	4373	CATAPULT	6038	CROSSOVER NETWORK DESIGN
3204	BACH'S MINUET B FLAT	8085	CATEGORY SORTER	8051	CRYPTOGRAPHER
1438	BACKGAMMON XB	1425	CAVE ADVENTURE	1468	CRYPTOQUOTE
8077	BASEBALL STATS	6103	CENTER OF GRAVITY	1225	CUBE
8067	BANNERS	4371	CHANGE	1361	CUPID'S ARROW
5511	BAR-GRAPHER	2194	CHARACTER DESIGNER	8007	CURRENCY CONVERT



# ALPHABETICAL LISTING

6018	CURVE/FIT	1432	FARMER JOHN	3406	HARD DAY'S NIGHT
7072	CUSTOM HOME BUDGET	2112	FAST/SHIP	3259	HARK THE HERALD ANGELS
7077	CUTCALC	5541	FEEDER PIG ANALYSIS	6014	HARMONIC CURVE FIT
1394	D&D CHAR. CREATOR	6002	FFTA 256 FFT POINT	8063	HARNESS RACING AVERAGER
7073	DAMPER MAINTENANCE	6046	FIBONACCI'S NUMBERS	3326	HAS ANYBODY SEEN MY GAL
2151	DANIEL	3366	FIFTY-NINTH STREET B	2104	HAUNTED HOUSE
1275	DARTS	4311	FILE	3363	HAVE A HOLLY JOLLY CHRISTMAS
5454	DATA BASE #1	7082	FINANCIAL CALCULATION	7023	HEALTH TEST
6004	DATA FORECASTING	5500	FINANCIAL HEALTH	3354	HEART
7061	DATAMINDER	5400	FINANCIAL MATH	7018	HEAT AUDIT
4347	DAYS BETWEEN DATES	5540	FINANCIAL MATH	7037	HEATING
1372	DEALER'S CHOICE	5462	FINANCIAL PLANNING	4475	HEBREW KEYBOARD
1108	DEATH-TANK	5479	FINANCIAL RATIO	1110	HELICOPTER RESCUE
1444	DEATHBALL	5497	FINANCIAL WORKSHEET	3375	HELLO GOODBYE
6032	DECIBEL CALCULATOR	4367	FINGERSPELLING	8038	HEXDUMP
5442	DECISIONS	1178	FIRE	2212	HEXY
8001	DECOMPRESSION CALCULATOR	1457	FIRE ALERT	3376	HEY JUDE
5444	DEDUCTIONS	1460	FIREFLIGHT	6074	HI-RES PLOT
3394	DEEP PURPLE	4341	FIRST ADDITION	2197	HI-RES PLOTTER
1102	DEEP-SPACE	2103	FLAG	3340	HILL STREET BLUES THEME
2204	DEFENDER	2195	FLAGS OF EUROPE	6008	HISTOGRAM
1408	DEFENSE	4360	FLAGS OF NATIONS	1470	HOCKEY
6099	DEFINITE INTEGRAL	5463	FLIGHT PLAN	7063	HOME ACCOUNT MANAGER
7089	DEGREE DAYS	6106	FLUID DYNAMICS	7067	HOME BANKER
5428	DEPRECIATION SCHEDULE	1173	FLYING SPRITES	7083	HOME BUDGET ANALYSIS
1093	DEPTH CHARGE	3359	FOGGY MOUNTAIN BREAKDOWN	7055	HOME BUDGET SPREADSHEET
5403	DERIVATIVE OF FUNCTION	1286	FOOTBALL	5455	HOME BUDGETING
1029	DESERT	1086	FOOTBALL	7027	HOME CHECK PROCESSOR
1290	DESTROYER	8096	FOOTBALL FORECAST	3350	HOME IN DREAMS
1159	DEVIL'S DUNGEON	8010	FOOTBALL RATING SYSTEM	7010	HOME PACKAGE
2149	DIAMONDS	8056	FOOTBALL STATS	1116	HOME RUN
7007	DIET MANAGER	3247	FOREST ROSES	3364	HORNPIPE BY PURCELL
7057	DIET/RIGHT	4428	FRACTION DRILL	1472	HORSERACE
6104	DIGITAL LOGIC SIMULATOR	4451	FRACTION SOLVER	1214	HOT-DOG
1230	DIMENSION DOORS	3291	FRERE JACQUES	5429	HOUSE COST
4403	DIPHTHONG DRILL	1247	FREEWAY	5426	HOUSE INVENTORY
5445	DIRECTORY	1378	FREEWAY ESCAPADE	3410	HOUSE OF THE RISING SUN
6075	DISCUSSION OF THE CURVE	7040	FREEZER	7078	HOUSEHOLD ACCOUNT
8028	DISK INDEXER	4478	FRENCH GRAMMAR GAMES	7046	HOUSEHOLD BUDGET AID
8099	DISTANCE FINDER	4458	FRENCH VERBS	7076	HOUSEHOLD INVENTORY
4354	DIVIDE	8104	FREQUENCY COUNTER	6039	HYPNOTIC INDUCTION
44173	DIVISION	2156	FREQUENCY TEST	1350	I HOBBIT
1064	DOCKING	1381	FROGMAN	8029	I-CHING CASTER
5470	DOCTOR'S BILLING SYSTEM	1489	FROGSPLAT	8101	IDEAL WEIGHT
3248	DOGGONE BOOGIE-WOOGIE	3343	FROSTY THE SNOWMAN	5546	ILLUMINATION FACTORS
3249	DOGGONE BOOGIE-WOOGIE	7058	FUEL COMPARATOR	1191	IMPERIAL LANDER
1218	DOG RACE	3284	FUGUE BY HANDEL	3257	IN THE MILL
1129	DOMINOES	8003	FULL MOON	1515	IN THE RUNNING
2190	DOODLES	7056	FURNITURE ARRANGER	1127	IN-BETWEEN
1291	DOOMSTONE	5456	FUZZY DECISION MAKING	7020	INCOME AVERAGING
8092	DOTBAR	7038	GAINS	5446	INCOME/AVE.
1154	DRACULA	1490	GALAXY	1035	INDIAN
1206	DRAGON HUNT	2187	GAME DEMO I	2128	INDIANA
1314	DRAGON'S LAIR	7029	GAS & ELECTRIC USAGE	1475	INDY 99
1066	DRAGONMAZE	5536	GEMSTONE APPRAISAL	1240	INDY-500
4362	DRAW	5482	GENERAL INVENTORY	2154	INKPLOT
2186	DRAW 'N COLOR	4482	GEOMETRIC COORDINATES	8068	INDPLOT
1296	DRAW POKER	6033	GEOMETRY CALCULATOR	1276	INSANITY
1353	DRAW-A-LINE	4423	GEOQUIZ	1257I	INST.
4441	DRILL GAME	4312	GERMAN	1350I	INST.
1363	DROID	5509	GLASS ESTIMATOR	5430	INSTALLMENT PAYMENTS
1345	DUCK	2189	GLOBE	3280	INSTRUMENT TUNER
3349	DUELIN' BANJOS	1262	GOBLER	5493	INTER/DEPREC. SCHEDULE
1443	DUNK	3200	GODFATHER	5436	INTEREST PROJECTOR
1058	DUNKSHOOT	1499	GOLDDIGGER	5472	INTEREST PROJECTOR
1518	EAGLE I	1060	GOLF	3216	INTERVALS
2175	EASEL	8005	GOLF HANDICAPPING	5448	INV-VALUE
7011	EATS	8095	GOLF SCORE ANALYSIS	1239	INVASION
1199	EGG WARS	8053	GOLF SCORE RECORDER	1283	INVASION WAVE
4473	EL PROFESOR	1069	GOMOKO	3230	INVENTION IN F
8032	ELECTION FORECASTER	4391	GRADE BOOK	5537	INVENTORY CONTROL
6100	ELECTRICAL FAULT CURRENT	5527	GRADE POINT AVERAGER	5480	INVEST. CALCULATOR
1516	ELECTRON	4321	GRADING SYSTEM	5449	INVEST?
6009	ELECTRONICS	4377	GRADING SYSTEM	5494	INVESTMENT COUNSELOR
6023	ELECTRONICS SOLVER	1384	GRAND SLALOM	3356	IOWA FIGHT SONG
4363	ELEMENTARY ARITHMETIC	1322	GRAPHIC ADVENTURE	3392	IOWA STATE SONG
8002	ELLIPTICAL ORBITS	8039	GRAPHIC DISK CATALOG	8060	IRA COMPARATOR
5475	EMPLOYEE PAY CHART	6085	GRAPHS AND MATHEMATICS	7092	IRA'S
8093	ENCRYPT	1256	GRAVITY	1087	ISLAND
4461	ENERGY	3339	GREENSLEEVES	1257	ISLAND JUMPER
8052	ENIGMA MACHINE II	3296	GUANTANAMERA	3396	IT IS WELL WITH MY SOUL
1046	ENGLISH TENNIS	1007	GUESS PHRASE	5496	ITEM DEDUCT WORKSHT
2211	ENTERPRISE	4366	GUESS THE LETTER	3398	IVORY PALACES
2183	ENTROPHY	1365	GUESS THE WORD	1088	J C L SQUARES
5461	EQN	3260	GUITAR	1395	JACKASS DERBY
6087	EQUATION PLOTTER	3273	GUITAR TUNER	3336	JAM SESSION
5408	ESTATE	8073	GYMNASTICS TEAM SCORE	1439	JAWS
5525	ESTIMATED TAX ANALYZER	1347	HACKSAW CANYON	3399	JESUS LOVES ME
44254	EUCLIDIAN TRANSFORMATION	2133	HALLOWEEN	8079	JIB SAIL
4397	EUROPEAN CAPITOLS	1417	HALLWAYS	3304	JINGLE BELLS
4446	EVOLUTION STUDY	6068	HAM ANTENNA BUILDER	2106	JOB COST
7064	EXPENSE TRACKER	5413	HAM FILE	8062	JOGGER'S PACE CALCULATOR
5481	EXPENSE ACCOUNT	6069	HAM LOG	8033	JOURNAL
5508	EXPENSE JOURNAL	1034	HAMURABI	1426	JOUSTING
1166	EXTENDED BLACKJACK	5417	HANDICAPPER	3301	JOY TO THE WORLD
1212	EXTENDED GOLF	1369	HANDROID	8041	JOYSTICKS PLANS
2202	EYE GLITTER	4490	HANG-GLOBE	4381	JR. HIGH MATH DRILL
6037	FACTORIAL II	1008	HANGMAN	4418	JR. HIGH MATH HELPER
4361	FACTS OF LIFE	1113	HANGMAN & SPELLING	1442	JUMPING BEAN
1332	FALLING	1487	HANOI TOWERS	3288	JUST THE WAY YOU ARE
3400	FAME	3292	HAPPY BIRTHDAY	1397	KABOOM
7025	FAMILY TREE II	4392	HAPPY SPELL	1474	KAKTUS KILL



# ALPHABETICAL LISTING

2105	KALEIDOSCOPE	6070	MATRIX INVERSION	3299	O COME ALL YE FAITHFUL
2169	KALEIDOSCOPE	1458	MAWARI	3407	OB-LA-DI OB-LA-DA
2146	KALEIDOSCOPE II	2136	MAZE-MAKER	1013	OBSTACLE COURSE
4477	KATIE'S ADDITION	5450	MED-EXPENSE	2127	OHIO
1118	KENO	6093	MEDICAL LAB CALCULATOR	6063	OHM'S LAW
4448	KIDDIE MATH	1471	MEMORY JOGGER	6035	OIL WELL CASING DESIGN
1392	KIDNAPPED	2152	MEMORY-MAZE	3293	OLD MAC DONALD
3258	KILLING ME SOFTLY	4487	MENDEL'S LAW	1076	ONE-ARM
1089	KING	7053	MENU PLANNER	3272	OP-23
3381	KING WILLIAM'S MARCH	7062	MENUMAKER	5477	OPERATIONAL COSTS
1174	KISMET	4468	MENUATH	8016	ORBIT
70091	KITCHEN AIDS 1	5551	MESSAGE GRAPHS	1130	ORBIT
70092	KITCHEN AIDS 2	1427	METEOR RAIN	3232	ORGAN
1134	KNIGHTS	1366	METEOR SHOWER	3401	ORGANOLA
1310	KNOCKOUT	8075	METRIC CONVERTER	1070	OTHELLO
3351	KOJO NO TSUKI	4375	METRICS CLASS	1184	OTHELLO II
1382	KRAZY KOALA	4393	MICHIGAN	1521	OTHELLO XB
8090	KRYPTO	2208	MICKEY MOUSE	6090	OVERLAND FLOW ANALYSIS
1522	KWAI BRIDGE	1398	MICROJAWS	5414	P.E.R.T.
2168	KWIK-DRAW	6073	MICROWAVE	5544	P.E.R.T. II
1517	L GAME XB	8065	MILEAGE MANAGER	1355	P.O.W. RESCUE
5471	LABELS	1373	MIND CHALLENGER	1450	PALEOLITHIC HUNTER
6066	LANGRANGIAN INTERPOLATOR	1385	MINE-TRAP	6054	PARABOLIC REFLECTOR
3371	LAGRIMA	1312	MINEFIELD #3	1383	PARAMEDIC
5548	LAMB SCORING	1132	MINER	1197	PART TIME
1074	LANDER	8111	MINI DATABASE	1237	PARTY GAME
1503	LANDER III	5510	MINI INFO-STATS	2121	PATTERNS
1036	LANDING	8109	MINI-MEM LINKER	2172	PATTERNS
4408	LANGUAGE EXPRESSIONS	6056	MINI-MUF	7021	PAY CHECK MANAGER
1080	LAPIDS	3303	MINIBACH CONCERT	5499	PAYROLL CLERK
4307	LARGE CHARACTERS	8105	MINISAUVER	5505	PAYROLL RECORDER
1226	LARGO DOWNS	3409	MINUET BY MOZART	5539	PAYROLL/PERSONNEL
1323	LASER ASSAULT	2163	MIRRORS	3408	PEACE IN THE VALLEY
1119	LASER WINS	8072	MISCELLANEOUS UTILITIES	1506	PEGJUMP
5538	LAW CASE RETRIEVAL	1351	MIX 'N MATCH	3233	PENNY LANE
5545	LE BON MOT	8008	MODEL ROCKET	1317	PENTE
1414	LEAPFROGGER	6001	MOHR'S CIRCLE	7043	PERPETUAL CAL/CLOCK
4329	LEAST SQUARE	6082	MOLECULAR WEIGHT	5498	PERSONAL BANKER
1469	LEFT RIGHT	1445	MONEYMAN	8098	PERSONAL BIOLOGY
6080	LENSES	1011	MONSTER	7065	PERSONAL DIRECTORY
3378	LET IT BE	1162	MONSTER CHASE	7030	PERSONAL FILE
3380	LET IT SNOW	1453	MONSTER CHASE III	7090	PERSONAL PROPERTY
4415	LET'S PLAY ARITHMETIC	1081	MONSTER COMBAT	1340	PERSONS, PLACES & PHRASES
4416	LEUKEMIA TUTORIAL	1370	MOON SURVIVAL	8112	PHOTOGRAPHER'S HELPER
1090	LEXICALITY	6057	MOON WATCH	1386	PICK UP STICKS
7039	LIBRARY	3262	MOONLIGHT	1338	PIE RING SQUAD
1043	LIFE	3269	MORNING	4396	PIGGY BANK
5504	LIFE CYCLE COSTS	4313	MORSE CODE	4450	PIGGYBANK II
5460	LIFE EXPECTANCY	8040	MORSE CODE GENERATOR	1185	PIN THE TAIL
5512	LIGHTING FACTORS	4445	MORSE CODE TRAINER	2110	PINK PANTHER
8066	LINE EDITOR	7054	MORTGAGE SPREADSHEET	1404	PINOCHLE PARTNER
4486	LINEAR ALGEBRA	5419	MOST ANYTHING YOU NEED	6047	PIPING SYSTEMS ANALYSIS
6081	LINEAR PROGRAMMING	2159	MOTHER GOOSE	44251	PLANE GEOMETRY
5404	LINEAR REGRESSION	1112	MOTORCROSS	6045	PLANET WATCH
7004	LISTS	1140	MOTORCYCLE	6091	PLANETARY ORBITS
7080	LISTS II	1145	MOUSE IN A MAZE	3287	PLAY/TYPE
3374	LITTLE DRUMMER BOY	6026	MOVING TIME-DATA	3228	PLAYER PIANO
5521	LOAN CALCULATOR	3355	MOZART	2122	PLAYING CARDS
7012	LOAN COMP	3358	MOZART-RANDO A LA TU	3405	PLEASE HELP ME I'M FALLING
5528	LOAN PACKAGE	1511	MR. KROAKER	6084	PLOT FOUR
5474	LOAN TREND ANALYSIS	1025	MUGWAMPUS	6062	PLOTTER
5483	LOG	6089	MUL/VAR/LIN/REG/ANA	1390	PLUNDER
4404	LONG VOWEL DRILL	2117	MULTI-MAZE	6076	PNEUMATIC CONTROL
2116	LOVE	4344	MULTIPLE CHOICE TEST	4431	POETRY MAKER
4337	LOWER CASE CONVERT	6030	MULTIPLE REGRESSION	8114	POINT SPREAD CALCULATOR
2135	LOWER CASE LETTERS	44174	MULTIPLICATION	7075	POISON PREVENTION
1412	LUCKY YOU	1175	MUNCH	1181	POKER
1249	LUNAR LANDER	1509	MUNCH-MITE	4447	POLLUTION EVALUATION
1009	LUNAR LANDER	3212	MUSICAL KEY	3308	POLONAISE IN G MINOR
1389	LUNAR LANDING SIMULATOR	3341	MUSI-KEY	6050	POLYNOMIAL CURVE
1300	MAD CHEMIST	3231	MUSIC BOX DANCER	1014	PONY
1270	MADLIB	3217	MUSIC DEMO #2	3294	POP GOES THE WEASEL
1461	MADLIB II	3218	MUSIC DEMO #3	5515	PORTFOLIO ANALYSIS
7084	MAGAZINE FILE	3202	MUSIC DEMO I	1232	POTSHOT
2193	MAGIC PENCIL	3236	MUSIC MAKER	1413	POTSHOT
1512	MAGIC SQUARES	3274	MUSIC MAKER	6021	POWER
5467	MAIL LIST CND #3	3270	MUSIC TERMS QUIZ	8057	POWER RATER
8011	MAIL PREP	3313	MUSIC WORKSHEET	60641	POWER-CALC
5468	MAIL SEARCH-PRINT	3211	MUSICAL SCALE	60642	POWER-CALC
7091	MAILING LIST XB	3306	MY HUNGRY HEART	60643	POWER CALC
7006	MAILING LISTS	3323	MY OLD KENTUCKY HOME	44842	PRACTICE & DRILL SESSION
4459	MAKE A STORY	3352	NADIA'S THEME	4327	PRECIOUS METALS CONVERSION
1163	MAN-EATING RABBIT	8087	NAIA BASKETBALL STAT	3271	PRELUDE
1156	MARS LANDER	1161	NAVIGATE	3307	PRELUDE IN G MINOR
3210	M*A*S*H	6058	NCS OP-AID	4481	PRESIDENT'S GAME
1010	MASTER	3223	NEVER ON SUNDAY	1015	PRESIDENTS
7079	MASTER INDEX	1434	NEW BLACKJACK	4334	PRESIDENTS II
4443	MASTER WORD LIST	2198	NEW YORK FANTASY	6042	PRIME NUMBER CRUNCHER
1121	MATCH GAME	6028	NEWTONIAN INTERPOLATOR	5469	PRINT RIGHT
4345	MATCH THE ANSWER TEST	2179	NIGHT BEFORE CHRISTMAS	2137	PRINTED MAZES
1311	MATCH-A-PAIR	4462	NIGHT SKY	8080	PRINTER TESTER
4390	MATH AID	1451	NIMBLE STICKS	8082	PRINTER TUTORIAL
4457	MATH CONCENTRATION	4488	NINTH GRADE PHYSICS	8058	PRIORITIZER
4453	MATH HANGMAN	5543	NITROGEN NEEDS	8047	PROGRAM COMPRESSOR
4434	MATH QUIZZER	1143	NOMAD	8091	PROGRAM SEARCH
4389	MATH RACE	1465	NORTH SEA ACTION	4374	PROJECTILE PROBLEMS
4309	MATH TEST	4432	NOUN INSTRUCTOR	1415	PROSPECTOR
4310	MATH TEST N/S	4464	NUCLEAR CHEMISTRY	4454	PRONOUN HIGHLIGHT
4340	MATH TUTOR	1095	NUMBERS AWAY	3342	PUFF THE MAGIC DRAGON
6017	MATRIX	7087	NUTRITION CALCULATOR	5451	PULMONARY TEST
6052	MATRIX DETERMINANT EVALUATOR	7024	NUTRITIONAL SCORE	3387	PUPPYTOWN



# ALPHABETICAL LISTING

1091	PUZZLE 15	1219	SLITHER	5431	STOCK TRANSACTIONS
1418	PYRAMID	1020	SLOT MACHINE	5411	STOCK TREND AND REPO
1062	QUEEN	1019	SLOTS	5522	STOCK-PRICES MOVING
1051	QUEST	1186	SMILEY	1388	STORYTELLER
2199	QUICKISPRIE	8018	SMOKERS TEST	3201	STRAUSS
1476	RACING	1341	SMOKEY'S BANDIT	5550	STUDENT SCORING SYSTEM
6096	RADIO LOG	1504	SNAFU	1320	SUB HUNT
5492	RAFFLE TICKET PRINT	2107	SNOOPY	1396	SUB SEARCH
3251	RAINBOW CON	2143	SNOOPY #2	1375	SUBHUNTER
2157	RANDOM CHARACTER GENERATOR	2113	SNOOPY CHRISTMAS	44175	SUBTRACTION
2203	RANDOM CHARACTERS XB	7086	SOC-SEC PREDICTOR	1495	SUPER AWARI
6022	REACT	8045	SOCCER STATISTICS	4440	SUPER FLY
6067	REACTOR KINETICS	4353	SOLAR	1139	SUPERMAN
44843	RECAP AND TEST	6071	SOLAR CALCULATOR	1359	SUPRA
5402	RECEIPT EXPENSE	3404	SOLFEGGIETTO	6072	SURVEYOR'S-CALC
7034	RECIPE	44252	SOLID GEOMETRY I	4467	SWEDISH VOCABULARY DRILL
7031	RECORD COLLECTION	44253	SOLID GEOMETRY II	1419	SWEETSPOT
5465	RECORD FILE	1494	SOLITAIRE	3253	SWING SHEP BLUES
5434	RECORDS	44255	SOLUTION OF TRIANGLE	1157	SWORDS & SORCERY
3318	RED RIVER VALLEY	3245	SONATA IN 'C' MAJOR	3289	SYRNX
1466	REGATTA	3220	SONG	4358	SYSTEM
5473	REGRESSION	3348	SONGS OF TEXAS	1027	T. I. WARS
6059	REGRESSIONS II	8089	SORTING GROUP	1164	TAIL
4368	RELATIVE IQ TEST	5422	SORTS	1165	TAIL
8044	REM REMOVER	3322	SOUND EFFECTS	3369	TAKE-FIVE
1195	RESCUE CHALLENGE	3275	SOUND GENERATOR	1227	TANK RACE
1272	RESCUE CRAFT	1243	SPACE ATTACK	1216	TANK SHOT
1513	RESCUE MISSION	1172	SPACE BELT	8024	TAPE FILE
6036	RESISTIVE ATTENUATOR	1327	SPACE BERZERKER	1021	TAROT CARDS
4330	RESISTOR TEST	1224	SPACE COMMAND	1422	TASK FORCE
3205	RHYTHM	1233	SPACE DUEL	7081	TAX ESTIMATOR
3367	RINGO'S THEME	1410	SPACE DUST	8012	TE II LOG-ON FILE GENER.
1248	ROAD MAZE	1428	SPACE FLIGHT SIMULATOR	4402	TEACHER'S CLAIM
1032	ROAD RACE	1187	SPACE GEM	4399	TEACHER'S GRADEBOOK
1481	ROADRAT	1241	SPACE GUARD	6048	TELESCOPE SPECS
4412	ROADRUNNER	1440	SPACE MONSTERS	4492	TELLING TIME
1071	ROBOT	1337	SPACE ORDEAL	6005	TEMP. CONVERSION
1083	ROBOT CHASE	1356	SPACE PATROL	4315	TENSE
2161	ROBOT JOKES	1277	SPACE PILOTS	5520	TEST SCORE ANALYZER
1176	ROBOT WARS	1138	SPACE SCOUT	4355	TEST-TUBE
3297	ROCK AROUND THE CLOCK	1482	SPACE SCOUT-JST	4382	TESTING
1374	ROCKETS	2192	SPACE SHUTTLE	2129	TEXAS #1
1167	ROCKET LAUNCH	1111	SPACE-SHOOT	1514	TEXAS TRUCKER
3382	ROCKIN' ROUND THE CLOCK	1234	SPACEWAR	5526	TEXT EDITOR
4465	ROCKY ROBOT'S ALPHABET	1168	SPANISH BATTLESHIPS	4470	THE ABC SHOW
3388	ROCKY ROBOT'S BOOGIE	4395	SPANISH MATH QUIZ	1299	THE AIRPLANE GAME
4466	ROCKY ROBOT'S DIVISION	4314	SPANISH TRANSLATOR	4452	THE ANSWER MAN
4479	ROCKY ROBOT'S LEARN TO COUNT	4455	SPANISH VOCABULARY DRILL	5489	THE BILLER
4480	ROCKY ROBOT'S SUBTRACTION	4372	SPATIAL RELATIONS	1315	THE CHASE
3372	ROMANCE DE CASTILLA	4463	SPATIAL RELATIONS	3324	THE CHRISTMAS CAROL
6105	ROOTS OF POLYNOMIALS	2108	SPEECH DEMO	3383	THE CHRISTMAS SONG
1170	ROULETTE II	2166	SPEECH GENERATION	5464	THE CHURCH TREASURER
3330	ROW, ROW, ROW YOUR BOAT	8110	SPEECH SYNTHESIZER VOCABULARY	1409	THE CONFLICT
1261	RUBIK'S CUBE SIMULATOR	4364	SPEED READING	3317	THE COUNTRY CAROL
3365	RUDOLPH II	4322	SPELL	1455	THE DRUNKEN SAILOR
4394	RUSSIAN TYPEWRITER	43841	SPELL FLASH 1	3338	THE ENTERTAINER
1211	S/A MISSILE	43842	SPELL FLASH 2	5529	THE FARMER
1179	SAD FACE	43843	SPELL FLASH 3	1400	THE GNASHER
2141	SAFETY	43844	SPELL FLASH 4	7050	THE GROCERY LIST
1016	SAILING	43845	SPELL FLASH 5	3334	THE HIGH & THE MIGHTY
5410	SANDWICH SHOP	4352	SPELLDOWN	1316	THE HUNGRY TURTLE
4398	SPELLING TEST	4342	SPELLING 'B'	1447	THE HUNTER
3327	SARABANDE BY HANDEL	4426	SPELLING AIDS	3328	THE INCREDIBLE HULK
3360	SATIE-GYMNOPEDIE #3	44561	SPELLING QUIZ	5488	THE INVESTOR
7059	SAVINGS ACCOUNT MANAGER	44562	SPELLING QUIZ INSTRUCTOR	1437	THE MAZE OF VERSAILLES
4436	SAY & SPELL	4348	SPELLING TEST	3298	THE MUSIC CREATOR
3316	SCALES	1103	SPLAT	4422	THE MUSIC TEACHER
3361	SCARLATTI-SONATA #352	2158	SPRITE DEMO	2196	THE NAME DROPPER
1508	SCAVENGER HUNT	2200	SPRITE WORKSHEET	8043	THE PEEKER
1017	SCHMOO	2181	SPRITEDEMO	4476	THE PHYSICS RACE
1100	SCORCHER	8013	SPRITER	3329	THE PLANO COMPOSER
1190	SCORE 4	3267	SPAIRWAY TO HEAVEN	3302	THE POPCORN MAN
2174	SCORPIO'S CASTLE	4489	STAR CHART	8076	THE PSYCHIATRIST
1333	SCRABBLE	8100	STAR TRAVEL	8084	THE ROMANTIC POET
1133	SCRAMBLE	3237	STAR TREK	8088	THE SOFT FILE
1479	SCREAMING SERPENT	3242	STAR WARS	3213	THE STING
8081	SCREEN DUMP	1041	STAR-FIGHT	6061	THE SURVEYOR'S HELPER
1498	SCUBA	1210	STARDOGG	5495	THE TAXMAN
2109	SEAHORSE	3395	STARDUST	5412	THERMAL PRINTER TEST
5514	SECURITIES PORTFOLIO	2165	STARFIELD	3281	THREE KINGS
1357	SERPENT AND SNAKE	1429	STARGATE MISSION	1326	THRUWAY
1039	SEYMOUR THE MONSTER	2115	STARS	1204	TI DOGFIGHT
4483	SHAPE SEQUENCE IQ TEST	1411	STARSHIP	2177	TI MARQUE
1037	SHOOT OUT	5452	STATEMENT	1391	TI-BOOM
1309	SHOOT THE STARS	5476	STATEMENT ANALYSIS	3386	TI-ORGAN
1387	SHOOTING GALLERY	4336	STATES	1023	TIC-TAC-TOE
8023	SHRINK	4400	STATES & CAPITOLS	2148	TICKER-TAPE
1486	SHUFFLESQUARE	4303	STATES QUIZ	1304	TICTACDOUGH
1492	SIDEWAY SLOPE	4449	STATES XB	4328	TIME AND SPEED
4304	SIGMA	6025	STATISTICAL ANALYSIS	1128	TIME BOMB
2145	SIGNS	6034	STATISTICAL ANALYSIS	4303	TIME CLOCK
3347	SILVER & GOLD MINE	6060	STATISTICS	5524	TIME PAYMENT COMPARISON
1018	SIMON I	6043	STATISTICS TABLES	1405	TIMEBOMB
6086	SIMPLEX METHOD	6008	STATS	4491	TIMES-FUN'S GAME
2118	SINE-WAVE	6102	STATSPAK	5542	TINYPLAN
1072	SINKING SHIPS	1123	STELLAR	8020	TITLE GENERATOR
1171	SKI SLOPE	5486	STOCK COMMISSION	2150	TITLE SCREEN
1420	SKI WEEKEND	5517	STOCK LISTER	1478	TORTOISE & HARE
8097	SKIS	1342	STOCK MARKET	1038	TOURING
1284	SLAY THE DRAGON	1125	STOCK MARKET	1454	TOWER OF BABEL
3379	SLEIGH RIDE	5409	STOCK RECORDS	1402	TOWER OF HANOI



## ALPHABETICAL LISTING

2164	TP BARGRAPH	3389	VENUS NIGHT RIDE	1430	WORD DICE
4324	TRADE	1079	VERBOTEN	4338	WORD GAME 22
7032	TRAINING CHART	2140	VERY LARGE LETTERS	5418	WORD PROCESSING
3373	TRANSPOSITION TABLES	3314	VIBRATO ORGAN	5519	WORD PROCESSOR
5547	TRAVEL EXPENSES	1308	VICTORY AT SEA	1298	WORD SCRAMBLE
1193	TREK	8113	VIDEO TAPE LIBRARY	4409	WORD SCRAMBLE
1376	TREKKIE	3310	VIOLA CONCERTO IN G	4349	WORD SYLLABLES
1200	TRENCH	3311	VIOLIN TUNER	4388	WORD TEACHER
5466	TREND LINE ANALYSIS	2126	VISIONS	4405	WORD TALLER
4316	TRIANGLE	8071	VITAL STATISTICS	4411	WORD TWINS
4387	TRIG SOLU OF TRIANGLE	4302	VOCABULARY TEST	1435	WORD-A-GRAM
6027	TRIGONOMETRIC CALCULATOR	4424	VOCABULARY TEST	1488	WORDFINDER
4357	TRINOMIAL	6101	VOLTAGE DROP CALCULATOR	1053	WORDSEARCH
7044	TRIPLE TIMER	1222	WAGON WHEEL	4323	WORDTOTAL
1406	TROG	1223	WALK IN THE WOODS	5507	WORKSHEET
1393	TRUCKER	1052	WAMPUS	4460	WORD CAPITOLS
4343	TRUE-FALSE TEST	1049	WAMPUS #2	4350	WORLD FLAGS
1507	TUNNEL VISION	1201	WARFISH	8006	WORLD MAP
1467	TURTLE RACES	1368	WARPOUT	1433	WORLD WAR I
44841	TUTORIAL LECTURE	8108	WEATHER DATA STATION	6092	X-Y PLOT
7035	TV SCHEDULE	8022	WEATHER STATION	5439	XMAS LIST
3319	TWINKLE, TWINKLE LITTLE STAR	5549	WEAVING CALCULATOR	1050	YAHTZEE
3344	TWO NOTE MELODY	3390	WESTERN BOOGIE	1144	YAHTZEE-28
3331	TXU SONG	3357	WHAT A FRIEND IN JESUS	3295	YANKEE DOODLE DANDY
1047	U.F.O.	3402	WHAT I DID FOR LOVE	7015	YEARLY FACTS
1483	U.F.O.	1501	WHEEL OF FORTUNE	80701	YEARLY JOURNAL
4420	U.S. FACTS	3252	WHISTLE	80702	YEARLY JOURNAL
1349	U/BOAT CHASE	1104	WHITE HOLES	80703	YEARLY JOURNAL
6049	UNIVERSAL TIME	3393	WIN ICH EIN VOEGLEIN	80704	YEARLY JOURNAL
4427	UNSCRAMBLE	6040	WIND CHILL FACTOR	3286	YELLOW ROSE OF TEXAS
1399	UP/SCOPE	7042	WINE INVENTORY	3377	YOU'VE GOT TO HIDE YOUR LOVE
2114	VALENTINE	1305	WITCH MOUNTAIN RALLY	1217	ZAN QUEST
1293	VAMPIRES	3255	WITCHES DANCE	1092	ZAP-A-BALL
6053	VECTOR ADDITION/SUBT	1033	WIZ	3385	ZIGGY'S CHRISTMAS
3384	VENETIAN BOAT SONG				

### MASTER 99...

RETAIL ACCOUNTING SYSTEM M9/170  
REQUIRES: \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

Also known as La Boutique, this program is a complete accounting system for the small business. With it, you can create and maintain all necessary records and files to keep your business up to date.

INFOCENTER RECORD MGMT. M9/180  
REQUIRES: \$14.95  
Extended BASIC....32K Mem. Expansion

A complete record-keeping package for owners of service businesses with clients. Devised primarily for the doctor or dentist, it can be used also by accountants, lawyers, and others. The program maintains records about clients, updates billing and payment records and schedules, and keeps track of appointments.

FOOD MANAGEMENT M9/190  
REQUIRES: \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

Small restaurants really benefit from this one. The program maintains all records on food costs and budgeting, and records are maintained on a yearly basis so costs are clearly tracked and evaluated.

DEPARTMENTAL BUDGETING M9/200  
REQUIRES: \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

With this program, you can create a complete budget program for a department or use it for a small business. Reports are printed out by summary, and final reports of files are by vendor. In addition, you may review other departments.

TAX DEPRECIATION PKG. M9/210  
REQUIRES: \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

Another self-explanatory program, this needs no accompanying documentation. The program establishes full files for tax depreciation records and maintains yearly updates with a printout of reports on status at any time. Tax tables are adjustable from year to year.

PRODUCTION COST ALLOC. M9/220  
REQUIRES: \$14.95  
Extended BASIC....32K Mem. Expansion

This program is a must for any sort of manufacturing business involved with the production of a product. You may enter all costs contributing to the makeup of a product, including labor, and project costs.

THE BOWLER'S RECORD M9/230  
REQUIRES: \$14.95  
Extended BASIC.....RS232 Interface  
32K Memory Expansion.....Printer

NOTE: This program requires a dual-sided disk drive.

This is a totally complete and integrated package to process all records for a ten-team mixed league. You can program and set up to print on standard league report forms, and sorts can be done on all records based on four categories. Also, you can print "recap" forms for the next session. Nine programs in all.

D-STATION THREE VERSIONS  
M9/240.....\$12.50  
REQUIRES: Cassette recorder,  
Mini-Memory module  
M9/241.....\$14.95  
REQUIRES: Extended BASIC,  
32K Memory Expansion  
M9/242.....\$14.95  
REQUIRES: Editor/Assembler,  
32K Memory Expansion

This increasingly-popular space action game, written by John Phillips, is one of the finest Assembly language programs offered through the International 99/4 Users-Group. Speed and level of play offers an exciting challenge and continually fast action. This program is an absolute must for your personal library!!!

#### ALSO FROM THE MASTER 99 SERIES--

ECPC(tm) M9/242D  
REPROGRAMMABLE CARTRIDGE \$24.95

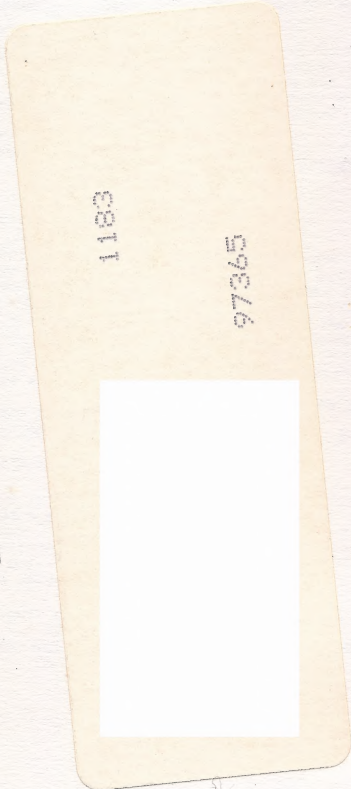
A new concept in software, Romox's Edge Connector Programmable Cartridge allows you to return the cartridge and have it reprogrammed with new software. D-Station is currently available on the ECPC cartridge, and new programs will become available for use in the months ahead. No more worthless modules!!







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